Author index and Subject index

Volume 15, 1987

NOTE: The 'r' prefix refers to the supplement *'tRNA, cloned human DNA sequences and restriction enzyme recognition sequences'* which was distributed with issue 8 of *Nucleic Acids Research*

Author index

AB,G. 4193
Abbott,A.G. 6091
Abbotts,J. 1185
Abelson,J.N. 9079
Abuaf,P.A. 6843
Acuto,S. 8195
Adachi,T. 771
Adami,G.R. 2593
Adams,C.A. 1875
Adams,D.S. 371
Adams,S.E. 7571
Adamson,E.D. 5461
Adesnik,M. 6755
Adhya,S.L. 8116
Adler,D.A. 4393
Aegerter,E. 372
Affara,N.A. 3977,7325
Affolter,M. 7357
Agarwal,D.P. 3179
Agsteribbe,E. 7249
Aguilar,A. 3922,10598
Ahmed,Z. 6607
Ahokas,H. 6759
Aitchison,K. 4699
Aitken,D.A. 3977
Akimenko,M.-A. 6171
Alani,R. 6766
Albrechtsen,B. 5125
Albright,K.L. 859
Alexander,N. 6735
Alexander,P. 7210
Allard,W.J. 10604
Allday,M.J. 10592
Allenza,P. 825
Allfrey,V.G. 4375
Allis,C.D. 8112
Alonso,A. 6756
Alonso,J.C. 6349
Alonso,W.R. 9325
Altman,S. 1259
Alvarado-Urbina,G. 2394
Alwan,A.F. 10583
Ambrose,C. 3703
Amesz,P.A. 8267
Amici,A. 9094
Amit,B. 9076
Ammendola,R. 8562
Anagnou,N.P. 5501
Anand,N.N. 8167
Anand,R. 5925
Anconetani,A. 9094
Andersen,J. 2089
Anderson,D. 6991
Anderson,J.N. 8531
Anderson,S. 375
Andrews,G.K. 5461
Andrews,P.A. 9429
Andrisani,O.M. 5715
Angel,P. 1643
Ansorge,W. 4593,5507
Antal,M. 560,1332
Anthamatten,D. 8479
Antonarakis,S.E. 5501,6763 6312,6768
Anvret,M. 6307
Aoki,Y. 9601
Appel,B. 2463
Appella,E. 771,3877
Appleby,V.A. 1884
Appleby,V.L. 10602
Arai,K. 333
Arai,N. 333
Araki,K. 2851,3917,10105
Arcone,R. 5895
Ardinger,H.A. 6764,6765
Arias,C.F. 4691
Ariga,H. 4889
Arisawa,A. 6419
Arnason,A. 2395
Arnemann,J. 8713
Arnheim,N. 529
Arnold,H.H. 4989
Arnold,J. 2611,2627
Arnold,L. 4849
Arnold,W. 1951
Arora,P. 2393
Arquès,D.G. 7581
Arrand,J.E. 9615
Arveiler,B. 1880,5903
Asahi,T. 7177
Asaka,M. 3761
Ashburner,M. 3931
Ashwell,M. 2157
Asseline,U. 6149
Assmann,G. 1344,9102
Assouline,Z. 1615
Assum,G. 1883
Astwood,P.M. 7921
Athar,A. 6607,9471
Atkinson,T. 1331
Attwood,J.M. 6469
Aubin,R. 10069
Ausubel,F.M. 7921
Avdalovic,N.M. 4603
Avots,A. 6741
Avvedimento,E.V. 8149
Ayer,S. 7903
Ayusawa,D. 1259
Azbarov,V.G. 5480
Azorin,F. 8899

Babayan,Yu. 5803
Babcock,M. 1875
Babiuk,L.A. 4361
Back,E. 6515
Backendorf,C. 4273,6748
Backer,J.S. 9309
Bagshaw,J.C. 3628
Bahnak,B.R. 9099
Bailey,C.J. 864,6762
Bailey,S. 6991
Bailly,V. 8755
Baker,A.R. 10602
Baker,D.J. 6937
Baker,R.T. 443,4352
Bakker,E. 9100
Ballance,D.J. 9163
Ballard,L. 9098,10074,10075, 10077,10608
Bandlow,W. 9078
Baniahmad,A. 4163
Bank,A. 8195
Bannon,G.A. 141
Baralle,F.E. 3787,3801, 6769,7725
Barbas,J.A. 8621
Barbieri,R. 7190
Barciszewska,M.Z. 362, 363,1333
Barciszewski,J. 362,363
Bardoni,B. 7653
Barjon,P. 862
Bark,C. 4997
Barlati,S. 6761
Barlow,J.H. 2386
Barnason,A.R. 1543
Baroin,A. 1717
Barr,F.G. 4693
Barrett,P. 2719,4099,8679
Barstow,D. 1331
Barta,A. 7067
Barthelemy,I. 7781
Barthels,D. 8621
Barton,D.E. 10373
Bartram,C.R. 5669
Bassüner,R. 9609
Bastos,R. 7295
Basu,H.S. 5873
Bates,G.P. 864
Baudin,F. 9109
Bäumert,H. 3221
Bäumlein,H. 10065
Baumstark,B.R. 105
Bautz,E.K.F. 9605
Bawden,M.J. 8563
Bayev,A.A. 5480
Baylis,H.A. 7176
Beato,M. 4535
Beattie,W.G. 3595
Beaudet,A.L. 1345
Beaupain,D. 7343
Beccari,E. 1870
Bech-Hansen,T. 3942
Beck,J. 10062
Beck,T.W. 595
Beck,Y. 9076
Bedbrook,J. 4655
Beerman,T.A. 6315
Behe,M.J. 3907
Beier,H. 5477
Beijer,B. 4837,6181
Bélanger,L. 1338
Belfort,M. 7217
Belhumeur,P. 1019
Bell,G. 3639

Bell,G.I. 5484,5503,7654,
7655,9101
Bellamy,A.R. 7175
Bellin,M. 6749
Belt,P. 5945
Beltrame,M. 9089
Benbow,R.M. 10249
Benbrook,D. 9613
Benham,C.J. 9985
Benkel,B.F. 7184
Benkovic,S.J. 6455
Benne,R. 51
Benner,J.S. 9781
Benoist,C. 7265
Bensussan,A. 10059
Benvenistry,N. 6405
Benyajati,C. 7903
Berends,T. 5217
Berg,C.M. 9461
Berg,P. 1311
Bergen,A.A.B. 5903
Bergtrom,G. 5494
Beri,R.K. 7991
Berk,A.J. 9895
Berkvens,Th.M. 6575,9365
Bernard,A. 1343,1348,8561
Bernard,M. 181
Bernard,O. 3190
Bernardi,F. 866,1347
Bernardi,G. 3009
Berry,C. 5891
Berry-Lowe,S.L. 6501
Bertagnolo,V. 1347
Bertrand,J.-R. 3421,10419
Berzin,V. 6741
Bester,A.J. 4702
Bestor,T. 3835
Bettany,A.J.E. 2417,7951,7963
Beverley,S.M. 3369
Bhagwat,A.S. 313
Bhattacharya,S. 3196
Biamonti,G. 9091,10211
Bianchi,M.E. 9089
Bibb,M.J. 7176
Bickmore,W.A. 6261
Billeter,M.A. 3987
Billingsley,G.D. 6760
Bina,M. 3703
Bingle,W.H. 6297
Binns,M.M. 6563
Bird,C.R. 731,10587
Birnstiel,M.L. 8305
Bischofberger,N. 709
Bischoff,M. 9691
Bishop,B. 3627
Bishop,C.E. 2959,9227
Bjelland,S. 2787
Blaas,D. 1387
Blaber,M. 4993
Blackburn,E.H. 6273,9143
Blackburn,G.M. 7053
Blanchard,J.-M. 5657
Blanché,H. 3941,5902
Blattner,F.R. 2677
Blau,A. 3479
Blöcker,H. 9531
Bloemendal,H. 9093
Bloemers,H.P.J. 959,4349
Bloemers,S.M. 7223
Blumenthal,T. 10405
Board,P.G. 443,4352,6306
Bober,E. 3179,4989
Böck,A. 2431,4821
Bodescot,M. 5887
Bodley,J.W. 6991
Bodmer,W.F. 1341,1342,6762
Bodnar,J.W. 1835
Boelens,R. 4645
Boer,P.H. 6734
Boeuf,H. 509
Boffa,L.C. 4375
Bogaard,M.E. 5963
Bogarad,L.D. 5495
Bogorad,L. 370,1853,5493
Bogosian,G. 7185
Bohmann,D. 6437
Bohnert,H.J. 6301
Bohr,V.A. 10021
Boileau,G. 1019
Boime,I. 4437
Bojsen,K. 1507
Bokranz,M. 4350
Bol,J.F. 2837,5799
Bollekens,J. 7265
Bomar,D. 9597
Bonen,L. 6734,10393
Bonner,T.I. 595
Bonnieu,A. 5657
Boothroyd,J.C. 4065
Boots,M. 5973
Bootsma,D. 9195
Bordonné,R. 7381
Borer,P.N. 839
Bories,J.-C. 10059
Borman,P. 3631
Bornkamm,G.W. 4553
Borst,P. 3275,10087
Borthwick,I.A. 8563
Bos,J.L. 5963
Bosch,L. 2837,9515
Boudraa,M. 5729
Boulain,J.-C. 5892
Boulter,C.A. 7194
Bourgeois,W. 7208
Bourre,F. 8861
Boursnell,M.E.G. 6563
Bowcock,A.M. 382,5906,6305
Bowen,B.A. 5489
Bowen,J.K. 141
Bower,M. 3531,4915
Bown,D. 7642
Boyd,E. 7325
Boyd,Y. 9616
Boyer,P.D. 2309
Bradley,W.E.C. 1346
Bradshaw,R.A. 4993
Brady,H.A. 9397
Bragg,T. 10072
Branch,A.D. 9861
Brandeis,R. 6405
Brandt,C.R. 561
Brasch,K.R. 5498
Braun,R.P. 1047
Braun,T. 3179
Brayton,K. 5613
Breathnach,R. 1139
Breeden,L. 4669
Brehm,J. 3177
Brennan,J. 1341,1342
Brennand,J. 9177
Brenner,C.A. 4629
Brennicke,A. 9092
Bressan,G.M. 10056
Brettell,R.I.S. 6091
Breukel,C. 9365
Bridges,C.D.B. 3196
Bril,J. 8120
Brill,D. 3503
Brimacombe,R. 3221,
3241,3653
Briner,G. 6515
Brink,P.A. 4702
Brisco,P.R.G. 5261
Brocas,H. 373
Brockhoff,P.G.M. 6037
Brooks,A. 5889
Brooks,J.E. 8249
Brossard,C. 8561
Brown,A.J.P. 2417,7951,7963
Brown,A.L. 7155
Brown,A.M.C. 1401
Brown,C.J. 9614
Brown,D.M. 8167
Brown,E.L. 2891
Brown,I.R. 3563
Brown,K. 10586
Brown,L.R. 717
Brown,T. 6589,7935
Brown,W.R.A. 5925
Brown,W.T. 3183,3191
Brownlee,G.G. 9505,9616
Broyde,S. 6539
Bruderer,T. 8479
Brun,G. 477
Brunner,H. 3192,3193,8120
Bruns,G.A.P. 3939
Brusca,J.S. 1979
Brusnický,J. 861
Brust,P.F. 3859
Bruton,C.J. 7137
Bryant,L.A. 9255
Buck,F. 6225
Buck,M. 9945
Budarf,M. 6273
Bujarski,J.J. 1337
Bulfield,G. 2823

Bullock,D.W. 1459
Bunick,D. 8293
Buonaguro,F.M. 561
Burbank,D.E. 6075
Burcham,K.W.G. 5489
Burchell,B. 3936,7188
Burgess,R.R. 5413
Burgoyne,L.A. 3929,8087
Burgschwaiger,S. 2388
Burke,J.M. 7217
Burkholder,G.D. 1047
Burks,D.J. 10437
Burn,J.E. 9677
Burn,T.C. 3628
Burnett,S. 8607
Burnett,W.V. 3926
Buroker,N.E. 9097
Buser,K. 5963
Bustin,M. 3549,6750
Butkus,V. 7027,8467
Butler,A. 8569
Butterworth,P.H.W. 2386
Buvoli,M. 9091
Buys,C.H.C.M. 382

Callis,J. 5823
Calvet,J.P. 661
Camerino,G. 7653
Campbell,D.A. 4065
Campbell,J. 6563
Campbell,K.E. 6293
Candido,E.P.M. 3723
Candresse,T. 10597
Cann,H.M. 3941,5902
Cannizzaro,L.A. 5904
Cannon,W. 9945
Cantor,C.R. 839,4481
Cappellini,N. 9349
Capraro,M. 4957
Carbon,P. 1933,2463
Care,A. 2013
Carlberg,C. 2779
Carle,G.F. 4437
Carlock,L.R. 377
Carlson,J.A. 1459
Carlson,M. 9623,10613,10614
Carmichael,G.G. 2593
Carmona,C. 6757
Caron,F. 1717
Carr,F.J. 9177
Carrigan,C.M. 8501
Carrington,J.C. 10066
Carrington,M. 10179
Carroll,A.R. 7155
Carroll,D. 971
Carson,D.D. 631
Cartron,J.P. 1880
Cary,S.M. 10066
Casasnovas,J.M. 8899
Cashmore,A.R. 3928
Cason,E.B. 6315
Castagnoli,A. 866
Cato,A.C.B. 4535
Cattaneo,R. 3987
Cattini,P.A. 1297
Cavalli-Sforza,L.L. 5906,6305
Cavener,D.R. 1353
Cazenave,C. 4717,10507
Ceccarelli,A. 7463
Cech,T.R. 7217
Cesareni,G. 364
Chabret,C. 7343
Chai,M. 4857
Chakerian,R.L. 3607
Chakrabarti,S. 7192
Chakrabarty,A.M. 4567
Chakraborty,P.R. 7889
Chalkley,R. 1493,8739,9841
Chalvet,O. 9487
Chambers,I. 3671
Chambers,P. 3961
Chambers,R.W. 7451
Chambon,P. 1401,2445,7643
Chan,L. 9618
Chan,Y.-L. 9451
Chang,C. 2261,9603
Chang,C.-T. 9603
Chang,D.-K. 4241,7081
Chang,H.-K. 2261
Chang,S.H. 7641
Chaplin,D.D. 4437
Chapman,K.A. 5413
Chardin,P. 1869
Chartrand,P. 7849
Chassignol,M. 8643
Chater,K.F. 7137
Chen,C.Y. 643
Chen,E.Y. 3188,3937
Chen,H.-C. 10588
Chen,J.-S. 3935
Chen,K.-X. 2175
Chen,L.Z. 6306
Chen,T.A. 4375
Chen,Z. 7205
Chevrette,M. 1338
Chevrier,M. 10507
Chia,W. 3931
Chikaraishi,D.M. 2363
Chinnadurai,G. 2235
Chinsky,J. 87
Chiu,Y.-Y.H. 3877
Choi,D. 9997
Choi,K. 6305
Chong,P. 3041
Choo,K.H. 871,6751
Chou,C.-K. 2261
Chow,S. 119
Chretien,S. 1349
Chrispeels,M.J. 8115
Christen,P. 10083
Christiansen,C. 1327
Chu,G. 1311
Chu,T. 4957
Chuprina,V.P. 293,5833
Ciejek-Baez,E. 10595
Ciliberto,G. 2403,5895
Cimino,F. 8562
Claesens,F. 9011
Claessens,F. 1627
Clark,B.F.C. 5787
Clark,L. 2719
Clarke,B.E. 3305,7155
Clarke,D.M. 3041
Clarkson,S.G. 7191
Claverie,J.-M. 1019
Cleary,W.G. 5489
Cleveland,D.W. 1995
Clift,S.M. 1459
Clouston,W.M. 10057
Cochaux,P. 7193
Coerwinkel,M. 3193
Coerwinkel-Driessen,M. 378
Cognet,J.A.H. 8003
Cohen,D. 3941
Cohen,J.S. 3877
Coleman,R.T. 381,1344, 1884,7656
Colin,Y. 1880
Collins,F.S. 5909,6766
Collins,J.M. 3549
Collins,M. 2891
Collins,T. 6017
Colombi,M. 6761
Colonna,M. 10211
Colonna-Romano,S. 1951
Colwell,G.W. 3607
Colwell,R.R. 1335,1879,4354
Comanducci,M. 5897
Combriato,G. 1,4877,9655
Comi,P. 9349
Compton,D. 7651
Condie,J.A. 2394
Conkie,D. 3671
Conneely,O.M. 3595
Connolly,B.A. 3131
Connors,R.W. 4353
Conrad,R.C. 10331
Conte,R. 4695
Cook,R.G. 8112
Cooke,A. 7325
Cooke,H.J. 6261,8713
Cooley,T.E. 8566
Cooper,C.S. 3195
Cooper,D.N. 4737,r1
Cooper,D.P. 9177
Coppey,J. 5643,6813
Cordonnier,A.M. 477
Corey,D. 5305
Corfield,P.W.R. 7935
Cornelissen,B.J.C. 2837, 5945,6799
Corner,B.E. 3625
Cornwell,T.L. 8116
Cortese,R. 7519,9077
Cosstick,R. 9921
Costa,M.A. 7190

Costanzo,F. 8562
Côté,M.-J. 3182
Cottam,H.B. 1217
Cotton,R.G.H. 1921
Couderc,J.L. 2549
Coulson,A. 2295
Coulson,S.E. 4701
Courtois,G. 1615
Coutelle,C. 2167
Covarrubias,A.A. 2757
Covey,J.M. 6713
Cox,D.W. 4697,4701,6760
Cox,G. 4361
Cox,M.M. 6469
Cox,N.J. 7654,9101
Crabtree,G.R. 2774
Craft,J.A. 7188
Craig,I.W. 9616
Crain,P.F. 683
Cram,D.C. 2123
Crapo,J.D. 6746,10070
Crater,G. 10031
Craven,G.R. 10331
Crawford,I.P. 5339
Creau-Goldberg,N. 8561
Cregg,J.M. 3859
Crémisi,C. 6105
Crepin,M. 3009
Croce,C.M. 865
Cross,G.A.M. 9861
Cross,G.S. 9761
Cross,N.C.P. 15
Croy,R.R.D. 7642
Cruces,J. 6007
Cullen,D. 9163
Culver,M. 9620,10074,10079
Cummings,A. 4099
Cummings,H.S. 5157
Cuniasse,Ph. 8003
Cuny,G. 7395
Currey,K.M. 7155
Czugler,M. 4111

D'Ambrosio,E. 3155
D'Anna,J.A. 5051
D'Hoostelaere,L.A. 1881, 2397,4700
Dafoe,L.A. 6760
Dahl,B.H. 1729
Dahl,H.-H.M. 1921
Dahl,O. 1729,3626
Daillie,J. 2707
Dalgleish,R. 9105
Dalmon,J. 1615
Dalton,M. 7201
Daniels,C.J. 2123
Das,A. 9461
Dasmahapatra,B. 3933
Dastugue,B. 2549
Dausset,J. 3941,5902
Davatelis,G. 4694
David,F. 374,9103
David,J.-C. 3503
Davidson,A. 119
Davidson,D.S. 8333
Davie,J.R. 1081,3385
Davies,K.E. 2167,2639, 8122,9761
Davies,R.J.H. 1199
Davies,R.W. 7217
Davis,G.R. 5373
Davis,R.W. 7865
Davis,T.N. 368
Dawkins,H.J.S. 3634
Day,P. 5889
De Baere,R. 2773
de Boer,H.A. 3581
de Crombrugghe,B. 8935
de Geus,P. 3743
de Graaf,F.K. 5973
de Haas,G.H. 3743
de Jong,W.W. 9093
de Kam,R.J. 8267,8283
de la Luna,S. 6117
de Laaf,R. 6773
De Meirsman,C. 10591
de Mul,F.F.M. 7605
de Pater,B.S. 8267,8283
de Recondo,A.-M. 8217
de Sa,C.M. 4771
de Stevenson,I.L. 2737
de Turenne Tessier,M. 2707
de Vries,E. 7223
de Vroom,E. 9933
De Wachter,R. 367,2773
de Wind,N. 4901
Dean,A. 10311
Dean,C. 4655
Dean,D.A. 2515
Dean,M. 6298,6754
Dean,N. 9895
deBoer,E. 5739
Decaussin,G. 2707
Decker,R.S. 7877
Decourt,J.-L. 1627
Decout,J.-L. 7749
Deev,S.M. 1
Defez,R. 1951
Degen,M. 6736
DeHaven,C.R. 377
DeJesus,C.E. 7197
Deka,N. 5199
del Real,G. 3922,10598
Del Sal,G. 10047
Del Senno,L. 866,1347
del Solar,G.H. 5561
Delaey,B. 1627
DeLamarter,J.F. 2389
Delattre,O. 1343,1348,8561
Delcuve,G.P. 3385
Delgrosso,K. 5169
Delihas,N. 2089
Delius,H. 3291
DeLuca,N.A. 4491
DeMayo,F.J. 1459
Demerseman,P. 9487
Dempsey,W.B. 2029
den Dunnen,J.T. 2772
Deng,Z. 2665
Denhardt,D.T. 465
Denial,T.M. 4123
Denny,W.A. 267
Dente,L. 5895
DePamphilis,M.L. 6369,7877
Deretic,V. 4567
DeRocher,E.J. 6301
Dervan,P.B. 7823
Derynck,R. 3187,3188
Desair,J. 10591
Deschamps,J. 6773
Destrée,O. 6773
Detera-Wadleigh,S.D. 375
Devine-Gage,E. 3191
Devor,E.J. 6767
Dexter,M. 3671
Di Lauro,R. 8149
Didamo,V. 87
Diekmann,S. 247,5765,6063
Diener,T.O. 10597
Dietzsch,E. 376,861,2400, 5907,5908
DiLella,A.G. 5613
Dimock,K. 3182
Dinsart,C. 6735
Dirckx,L. 1627
Dirheimer,G. 7381
Disteche,C.M. 4393
Distler,J. 8041
Dixon,G.H. 5051
Dixon,J.E. 5715
Dixon,R.A.F. 10604
Dobkin,C. 3183,3191
Dobner,P.R. 199
Dobrovic,A. 1346
Dobson,M.J. 6243
Docherty,A.J.P. 4357
Dodgson,J.B. 753,1063,6294
Doerfler,W. 3943
Dondon,L. 5157
Donnelly,R.J. 10061
Doran,J.L. 6297
Dorn,A. 7265
Dorssers,L. 3629
Dottin,R.P. 3891
Dougherty,J.P. 2891,2911
Dougherty,W.G. 10066
Dover,G.A. 15
Downey,K.M. 2269,9299
Dozier,C. 5905
Draper,D.E. 4049
Drayna,D. 4698,9617
Dreiseikelmann,B. 385
Driesel,A.J. 2396,2398,2399, 6310,7658
Drinkwater,C.C. 10052
Drinkwater,R.D. 3929,8087

Drohan,W. 6899
du Plessis,L. 861,2400,5907
Dubart,A. 7343
DuBow,M.S. 6691
Ducancel,F. 5892
Duda,E.G. 1334
Dudley,J.P. 2581
Duffy,K. 7463
Duilio,A. 8562
Duncan,A.M.V. 5498
Duncan,C.H. 1340,10437
Dunn,A.R. 10584
Dunn,I.S. 2677
Dunn,J.J. 431
Dunon-Bluteau,D. 477
Dunsmuir,P. 4655
Dupret,D. 3919
Duprey,P. 6105
Duquesne,M. 9487
Durdik,J. 2699
Duro,G. 7190
Dutrillaux,B. 1343,1348,8561
Duval-Valentin,G. 575
Dworniczak,B.P. 5181,9605
Dyall-Smith,D.J. 8565
Dyall-Smith,M.L. 8565
Dyson,J. 4035

E-L-Din,A.S. 3622
Eadie,J.S. 8333
Early,A. 7463
Earp,D.J. 3619
Ebel,J.-P. 1933,2463, 5787,9109
Ebeling,S. 9598
Eberhardt,N.L. 1297
Ebert,A. 8041
Eckdahl,T.T. 8531
Eckert,W.A. 1905
Eckes,P. 3479
Eckhardt,T. 3926
Eckstein,F. 4945
Eddy,R. 5443
Edlind,T.D. 7889,8566
Edmonds,C.G. 683
Edmonds,M. 7125
Edwards,Y.H. 2386
Egel-Mitani,M. 6303
Ehresmann,B. 5787,9109
Ehresmann,C. 5787,9109
Ehrlich,M. 9429
Ehrlich,R. 575,2780
El Messal,M. 3439
Elder,G.H. 1349
Eldridge,J.R. 10611
Elima,K. 9499
Ellar,D.J. 3619,7195
Elleman,T.C. 7189
Elliott,W.H. 8563
Ellis,T.H.N. 5489
Emmerson,P.T. 3961,10586
Emmons,S.W. 6883
Engebrecht,J. 10455
Engel,J. 4737
Engel,J.D. 6294
Engel,W. 7639,8713
Eperon,I.C. 4145
Epplen,J.T. 8713
Epstein,N.D. 2327
Erdmann,V.A. 4583,7182,7735
Eritja,R. 8003
Erlich,H.A. 529
Ernoult-Lange,M. 2445,8177
Ernst,L. 361
Ernst,S.G. 4629
Espel,E. 4535
Espinosa,M. 5561
Esposito,F. 5105
Esser,K. 6743
Esser,V. 379
Estivill,X. 1415,3639
Estridge,J.K. 7283
Estruch,F. 6973
Etter,A. 7689
Evans,B.A. 10057
Evans,I.M. 7642
Ewel,A. 7903

Faber,S. 9841
Fadda,S. 4695
Faggioli,L. 1347
Fahnestock,S.R. 7210
Fainsod,A. 5495
Falanga,P. 2203
Falaschi,A. 10211
Falkner,F.G. 7192
Fan,J.-B. 4481
Fanning,T. 2251
Farley,D. 5485
Farrall,M. 3639
Farrell,E. 4669
Farscher,H.-P. 4931
Farzaneh,F. 3493,3503
Fasold,H. 3221
Faulk,K. 2639
Fauron,C.M.-R. 6091
Favreau,M. 4655
Fazakerley,G.V. 2191, 3397,8003
Feder,J.N. 5906
Feghali,R. 5443
Feinberg,A.A. 6311
Felici,F. 364
Felts,S.J. 1493
Feon,S. 3503
Fera,B. 6225
Ferguson-Smith,A.C. 6311
Ferguson-Smith,M.A. 3977,7325
Ferrando,C. 3183
Ferrier,D.J. 3634
Ferris,R.C. 9325
Ferro,A.J. 717
Fidder,A. 9933
Field,L.L. 3942
Filipski,J. 3009
Filpula,D. 7210
Financsek,I. 9599
Finch,P.W. 10586
Fink,T. 1883
Finken,M. 5894
Fisch,J. 2911
Fischel-Ghodsian,N. 6197,9215
Fischer,H.-M. 8479
Fischer,W. 3184
Fish,E.L. 9417
Fisher,F. 7761
Fisher,K.L. 7657
Fisk,R.Z. 2393,6295
Fisser-Groen,Y.M. 9100
Fitton,J. 9177
FitzGerald,G.A. 7657
Flavell,A.J. 4035
Fletcher,D.S. 5925
Flick,J.S. 6501
Flores,R. 4203
Folk,W.R. 2059,6369
Folkman,W. 9075
Fong,S.-L. 3196
Ford,K.G. 2221,6553
Forget,B.G. 4696
Forney,J. 9143
Forrest,S.M. 2167,9761
Forrester,W.C. 10159
Fort,P. 5657
Forterre,P. 8217
Fortin,M.G. 813,1271
Fossdal,R. 2395
Fourney,R. 10069
Fowler,C. 3929
Fowlkes,D.M. 8293
Fox,K.R. 491,2221
Fraley,R.T. 1543,6501
Frampton,J. 3671
Francesconi,S. 7975
Francis,S. 4629
Francisci,S. 6387
Francke,U. 10373
Franco,L. 6973
Frank,R. 9077,9081,9531
Fraser,N.J. 9616
Frederick,P. 3639
Frei,P. 4789
Freistadt,M.S. 9861
Frey,P.A. 8116
Freyssinet,G. 1328,4360,7181
Fricke,J. 861,2400,5907
Friedberg,F. 3934
Friedman,S. 313
Fritton,H.P. 4535
Fritze,C.E. 6369
Fritzsche,E. 5517
Fromm,M. 5823
Frondorf,K.A. 5391
Frontali,L. 6387

Frossard,P.M. 381,1344, 1884,7656
Fuchs,E. 4931
Fujii,J. 6738
Fujii-Kuriyama,Y. 4179
Fujimoto,E. 9622,10078,10607, 10612,10613,10614
Fujimoto,K. 6209
Fujisawa-Sehara,A. 4179
Fujita,A. 4007
Fujita,K. 6733
Fujiwara,H. 1245
Fukazawa,C. 8117
Fukuda,R. 1153
Fukuhara,H. 10046
Fukusho,A. 7206
Funke,H. 1344,9102
Furano,A.V. 3155
Furuya,H. 6309

Gabrielsen,O.S. 5699
Gagnor,C. 10419
Gaillard,J. 2781
Galas,D.J. 7191,10060
Galeffi,P. 9505
Galle,P. 10117
Gallego,M.E. 6007
Gallie,D.R. 3257,8693
Galloway,D.A. 561
Galloway,D.R. 2123
Gallwitz,D. 7369
Gamble,P.E. 5217
Gamper,H. 6855
Gamulin,V. 6747
Gandy,S.L. 4393
Ganoza,M.C. 345
Garcia,J. 8367
Garcia,O. 5480
Garcia-Arenal,F. 4203
Gardella,R. 6761
Gareau,P. 1346
Gargano,S. 181
Garnier,J.-M. 7643
Garnier,J.M. 1401
Garrett,R.A. 4821
Garson,J.A. 4761
Gatehouse,J.A. 7642
Gatehouse,L.N. 7642
Gatermann,K. 1477
Gates,C.A. 6469
Gatti,R.A. 8119
Gautier,C. 6625
Gaynor,R. 8367
Gearing,K.L. 10267
Gebeyehu,G. 4513
Gedamu,L. 5491
Gehring,W.J. 3947
Gehrke,C.W. 9429
Geisel,J. 3943
Geisen,R.M. 4931
Gelboin,H.V. 10053,10071
Gellert,M. 771
Genest,Y. 7184
Georges,M. 7193
Gerber-Huber,S. 4737
Gerhard,D.S. 6760
Germond,J.-E. 4737
Gerritsen,E.J.A. 9365
Gerster,T. 6787
Gesnel,M.-C. 1139
Getz,G.S. 9309
Geurts van Kessel,A.H.M. 3411,5502
Ghiselli,G.C. 9618
Ghosh,S.S. 5353
Giacca,M. 10211
Gianola,K.M. 5443
Gibbs,C.S. 6293
Gibson,K.J. 6455
Giebel,L.B. 9605
Giglioni,B. 9349
Gil,I. 6007
Gilbert,J.D. 1173
Gilbert,T. 5496
Gilchrist,C.A. 465
Gill,J. 10072
Gill,J.F. 4567
Gillam,S. 3041
Gillard,E.F. 3977
Gilliam,C. 5902
Gilliam,T.C. 1445
Gillilan,S. 9619,9620,10073, 10076,10079,10609,10610
Gilliquet,V. 5893
Gingeras,T.R. 3859,5373
Ginsburg,D. 5909,6766
Gintnere,L. 6741
Girgis,N.S. 1217
Gitschier,J. 9797
Givel,F. 4737
Glenner,G.G. 6309
Glorioso,J.C. 3097
Goding,C.R. 7761
Goedde,H.W. 3179
Goffin,C. 8755
Golankiewicz,B. 9075
Gold,M. 119
Goldberg,R.B. 6799
Goldenberg,C.J. 9279
Goldfarb,A. 8521
Golembieski,W. 1173
Gollop,R. 1876
Gonzalez,F.J. 10053,10071
Goodfellow,P.J. 5498, 6159,7213
Goodfellow,P.N. 6159,7213
Gooding,C. 8105
Goodman,H.M. 4449
Goodman,M.F. 8003
Goosen,N. 6748
Goossens,M. 1349,7343
Gope,M.L. 3595
Gordon,H. 7652
Gorecki,M. 9076
Goridis,C. 8621
Gormezano,G. 10569
Gorovsky,M.A. 141
Gosselin,P. 8799
Goswami,P. 9279
Gotto,A.M.,Jr 9618
Goudie,D.R. 3977
Gough,A.C. 5901
Gough,N.M. 2389,10584
Goulet,I. 2803
Grafstrom,R.H. 3073
Graham,M.Y. 4437
Gralla,J.D. 5433
Grampp,B. 5581
Grandy,D.K. 1063
Grange,T. 857,4771
Grant,F.J. 5496
Gräslund,A. 9011
Grass,D.S. 4417
Gravel,R.A. 3194
Gray,G.L. 6757
Gray,J.C. 1873,9080,10590
Gray,M.W. 6734
Gray,P.W. 3937
Green,M.D. 3936
Green,N.M. 4737
Green,P.J. 2089
Green,R.P. 8963
Greengard,P. 9607
Greenwald,I. 2295
Greer,M.-K. 10551
Gregg,K. 7795
Grenningloh,G. 6745
Gresh,N. 2175
Greuer,B. 3221,3241
Greve,J. 7605
Grey,G.L. 9163
Grierson,D. 731,10587,10600
Griffin,B.E. 10345
Griffiths,A.D. 4145
Grimaldi,G. 9608
Grimwade,J.E. 6315
Grindley,N.D.F. 9771
Grinsted,J. 1799,10049
Grist,S. 1350
Grob,U. 9957
Gröbner,P. 8351
Groebe,D.R. 8783
Groenen,M.A.M. 8831
Groeneveld,P. 10133
Gronenborn,B. 5890
Groner,B. 5963
Gronger,P. 31
Gronostajski,R.M. 5545
Groot Koerkamp,M.J.A. 5597
Gross,G. 431,6740
Gross,H.J. 5477,7209,7649
Gross,T. 1477
Grossberger,D. 6737
Grosse,F. 3185
Grossman,A.I. 5904
Grossman,M.J. 6049

Grossman,Z. 3823
Grosveld,F. 1363,5739
Groudine,M. 10159
Gruber,M. 4193
Grummt,I. 4131
Grunberg-Manago,M. 5157
Grunberger,D. 6843
Grzeschik,K.-H. 2396,2398, 2399,5499,5500,6310,7658
Grzesiuk,E. 971
Guarente,L. 3515
Guénet,J.L. 9227
Guertin,M. 1338
Guesnet,J.-L. 7531
Guglielmi,P. 10059
Guida,M. 1951
Guignery-Frelat,G. 5892
Guillemaut,P. 1377
Gull,K. 7571
Gundelfinger,E.D. 6745
Gunnell,M. 595
Günthert,U. 3689
Guo,P. 6991
Guo,Z.-S. 7877
Gupta,R. 683
Gupta,S.V. 4325
Gurley,L.R. 5051
Guschlbauer,W. 2191, 3397,8003
Gusella,J.F. 1445
Gut,S.H. 9691
Gutman,G.A. 5323
Guzzo,C. 380

Haarsma,J.A. 8501
Habhoub,N. 7749
Haefliger,J.-A. 4737
Haenni,A.L. 4123
Haguenauer,O. 8561
Hahn,U. 858,2779
Haines,L. 2911
Hake,L.E. 6305
Hall,R.M. 5479,7491
Hallewell,R.A. 5484,7654
Hallick,R.B. 3927
Haluska,F.G. 865
Hamaguchi,H. 7659
Hamerton,J.L. 2784
Hamilton,R. 3581
Han,J.H. 6304
Hanauer,A. 6308
Hannapel,D.J. 1979
Hansen,M.T. 6303
Hanson-Painton,O. 3335
Harada,F. 9153
Haralambidis,J. 4857
Hardick,C. 8399
Harding,D. 3936
Hardy,T.A. 6937
Harley,C.B. 2343
Harmsen,B.J.M. 7605
Harrington,C.A. 2363
Harris,H. 860
Harris,S.E. 7646
Harrison,P.R. 1349,3671
Harrison,S.M. 10267
Hart,C.P. 5495
Härtlein,M. 1005,9081,10199
Hartley,D. 5902
Hartley,J.A. 7081,10531
Hartman,J.R. 9076
Hartmann,G.R. 8773
Hartmann,R.K. 4583,7735
Hartmann,T. r53
Hartmuth,K. 1387,7067
Hartog,K.O. 3627
Hartog,M. 7249
Harvey,S.C. 4973
Hashimoto,J. 7103
Hashizume,T. 683
Hasnain,S.E. 3925
Hässig,M. 4789
Hatat,D. 2959
Hatfield,G.W. 2137
Hattori,M. 4007
Haug,B.L. 1047,4325
Hauss,C. 509
Hawkins,A.R. 7991
Hawley,K. 3639
Hay,R.T. 2719
Hayakawa,H. 1311
Hayase,Y. 3761,6131
Hayashi,K. 4809,6419
Hayashi,S. 5483,10601
Hayatsu,H. 5517
Hayden,M.R. 3938
Hayes,T.E. 5715
Haynes,R.H. 10355
Hayward,N.K. 5503
Healey,S.T. 1445
Healy,H.M. 8563
Hearst,J.E. 6855
Hebert,E. 5629
Hebert,J.M. 382
Heckman,J.E. 9027
Heibig,J. 9618
Heighway,J. 3411
Heilig,R. 9129
Heinemann,U. 9531
Heinzmann,C. 6763
Hélène,C. 4717,6149,7749, 8643,9909,10507
Hen,R. 7643
Henderson,E.R. 9143
Hendrickson,E.A. 6369
Hendriks,L. 2773
Hendriks,W. 9093
Hendriksen,P.J.M. 4349
Hennecke,H. 8479,9598
Henner,D.J. 9163
Henner,J. 3926
Henner,W.D. 5529
Hennig,J. 6310
Hennighausen,L. 2103
Henning,U. 6736
Henningsen,K.W. 854,3630
Hermans,I.F. 3625
Hermans-Borgmeyer,I. 6745
Herning,T. 9487
Herrera,R.E. 1661
Herrlich,P. 1643
Herrmann,R. 3918
Herruer,M.H. 10133
Hershey,J.W.B. 5157
Herzenberg,L.A. 4337
Hession,C. 2389
Hewett-Emmett,D. 4687
Hewitt,J. 3938
Heywood,S.M. 8069
Hickey,D.A. 7184
Hickson,I.D. 10586
Hidaka,Y. 9086
Higgs,D.R. 6197,9215
Hightower,R.C. 8387
Higuchi,M. 2396,2398,7658
Higuchi,R.G. 529
Higuchi,W. 8117
Hilal,L. 2549
Hildebrand,C.E. 859
Hilger,F. 5893
Hilgers,J. 2397
Hilkens,J. 6773
Hindley,J. 5891
Hingerty,B.E. 6539
Hinkkanen,A.E. 5261
Hinnen,A. 233
Hinrichs,W. 4945
Hiorns,L.R. 864
Hiraoka,N. 2653
Hirsch,M.-R. 8621
Hishinuma,F. 1031
Hitzeman,R.A. 643
Hjerrild,K. 10602
Ho,Y.-H. 6746
Ho,Y.-S. 10070
Hobbs,H.H. 379,2782
Hobi,R. 9691
Hoch,S.O. 10373
Hodes,M.E. 10589
Hodges,R. 6899
Hodgson,C.P. 2393,6295
Hoe,K.L. 10045
Hoeijmakers,J.H.J. 9195
Hoekman,M.F.M. 6037
Hoekstra,W.P.M. 3743
Hoess,R.H. 3073
Hofbauer,R. 741
Hofer,J.M.I. 7175
Hoff,M. 9621,10075,10077, 10606,10609
Hoffman,D. 2871
Hoffman,N. 4696
Hoffman,N.E. 3928
Hoffmann,P.U. 5289
Hoffmann,T. 3317
Hofker,M.H. 5903

Hofstetter,H. 7295
Höfte,H. 7183
Hoge,J.H.C. 8267,8283
Höglund,A.-S. 10590
Holbrook,N.J. 2774
Holden,J.J.A. 5498
Holdsworth,M.J. 731,10600
Hollingsworth,M.J. 8845
Holm,T. 2537,10606
Holowachuk,E.W. 10551
Holzwarth,G. 10031
Homa,F.L. 3097
Hong,G.-F. 9677
Hong,H.J. 4987,10045
Honjo,T. 5888
Hooft van Huijsduijnen,R.A.M. 7265
Hoogenraad,N.J. 1753
Hooykaas,P.J.J. 8983
Höpfl,P. 7182
Hopwood,D.A. 2665
Hori,H. 365
Horie,K. 5241
Hornby,D.P. 8564
Horowitz,J. 6799
Horowitz,S. 141
Horsch,R. 6501
Horváth,B. 8111
Hoskins,J. 3531
Hostomský,Z. 4849
Hovemann,B. 3317,6756
Howard,S.C. 10233
Howe,M.M. 7198
Hoyer-Fender,S. 7639
Hozumi,T. 1336
Hruby,D.E. 4690
Hsieh,J.-C. 8999
Hu,C.-p. 2261
Hu,W.-S. 2989
Huang,J. 7903
Huber,M. 8106
Huber,P. 1615
Hübscher,U. 4789,5486,10495
Hudson,B.D. 3469
Hudson,S. 2013
Huebner,K. 865
Huff,V. 7651
Hughes,D. 3940
Hughes,D.E. 3141
Hughes,J.A. 717
Hui,I. 3041
Huleihel,M. 595
Hulsebos,T. 378,3192, 3193,8120
Hummel,H. 2431
Hunter,A.G.W. 6769
Hunter,W.N. 6589,7935
Huppi,K. 2397,4700
Hurst,J. 5739
Hurt,D.J. 9057
Hurwitz,D.R. 6899
Husain,I. 1109
Hutchison,C. 8293
Hutchison,W. 1921
Hütter,R. 8106
Huynh Do,U. 10495
Huynh-Dinh,T. 6625
Hyland,V.J. 1350
Hynes,N.E. 5963

Iaccarino,M. 1951
Iannuzzi,M.C. 5909,6766
Ichinose,H. 6733
Icho,T. 8439
Igloi,G.L. 5517
Igo-Kemenes,T. 4535
Igolen,J. 6625
Iguchi-Ariga,S.M.M. 4889
Ihler,G.M. 8566
Iida,S. 5517
Iismaa,S.E. 3180
Ikehara,M. 6209,7235
Ikenaka,K 2089
Ikushima,N. 5241
Ikuta,S. 797
Ilercil,O. 2089
Imai,N. 5681
Imai,R. 4988
Imbach,J.-L. 3421,4241,6625, 7081,10419
Imboden,M.A. 7357
Imhoff,J.F. 367
Imura,A. 6131
Inagami,S. 8739
Inoko,H. 8957
Inoue,H. 3761,4403,6131
Inoue,T. 1559,9825
Inouye,M. 2089
Iqbal,M.A. 87
Irvine,B.D. 5484,8573
Ish-Horowicz,D. 4035
Ishida,K. 7178,10051
Ishii,T. 853
Ishikawa,H. 1245
Ishikawa,N. 7186
Ishino,S. 3917
Ishizaki,Y. 2653
Itakura,K. 797
Itani,T. 4889
Ito,J. 5251,8999,9088
Ivarie,R. 2611,2627,9975
Iverson,B.L. 7823
Iwai,S. 3761,6131
Iwamura,Y. 7659
Izsvák,Zs. 1334
Izzo,V. 7190

Jackson,I.J. 4357
Jackson,M.R. 3936,7188
Jackson-Grusby,L.L. 6677
Jacob,S.T. 8547
Jacobs,F.A. 1271
Jacobs,K. 2911
Jacobs,S.C. 3195
Jacobs-Lorena,M. 987
Jacobson,A. 10285
Jager-Quinton,T. 9781
Jahn,R. 9607
Jahroudi,N. 5491
Jaiswal,A.K. 6755
Jamieson,D. 7325
Janco,R. 9797
Janich,S. 4535
Janson,L. 4997
Jansone,I. 6741
Janssen,J.W.G. 5669
Jantzen,K. 4535
Janulaitis,A. 7027,8467
Járai,G. 9599
Jaurin,B. 8567
Jaussi,R. 10083
Jayasena,S.D. 3907
Jeanpierre,M. 9611
Jeanteur,P. 5657
Jeffreys,A.J. 2823
Jeltsch,J.-M. 1401,3919,7643
Jen,G.C. 10591
Jensson,O. 2395
Jepsen,B. 854
Jermyn,K.A. 7463
Jhurani,P. 3997
Jiménez,A. 4227
Jobes,D. 7642
John,U.P. 366
Johnson,A.L. 5017
Johnson,J.D. 9881
Johnson,J.L. 3935
Johnson,J.P. 3845
Johnson,K. 3940
Johnson,K.R. 2013
Johnson,W.C.Jr, 7627
Johnson-Burke,D. 1887
Johnston,A.W.B. 9677
Johnston,L.H. 5017
Johnston,M.I. 9057
Jolles,B. 9487
Jones,A.S. 2157
Jones,B.K. 4957
Jones,C. 7651
Jones,D. 3723
Jones,D.S. 1333
Jones,I.G. 855
Jones,M.D. 10592
Jones,R. 5985
Jones,R.L. 105
Jongeneel,C.V. 9083
Jordan,P.M. 10583
Jorgensen,E.D. 8773
Jorgensen,T.J. 5529
Joseph,L. 3186
Joshi,C.P. 6643,9627
Joshi,R.L. 4123
Jove,R. 4417
Jovin,T.M. 7622
Joyce,G.F. 9825
Jubier-Maurin,V. 7395,8593

Julier,C. 2537
Jung,G. 8999,9088
Jung,R. 9609
Junker,M. 10117
Juretić,N. 10083

Kadlubar,F.F. 6843
Kadoma,M. 6738
Kaesberg,P. 1337
Kaiser,K. 3113
Kaiserman,H.B. 1024[illegible]
Kálmán,A. 4111
Kalman,M. 8111
Kalsheker,N.A. 1349
Kam,W.K. 8919
Kan,C.C. 374
Kanda,P. 7663
Kane,J.F. 7185
Kane,J.P. 1344,1884
Kaneda,N. 6733
Kaneda,S. 1259
Kang,C. 2279
Kang,C.Y. 3182,6299
Kaniecki,J. 5581
Kano-Murakami,Y. 6302
Kao,T.-H. 611,4358
Kaper,J. 5069,5085
Kaplan,B. 8003
Kaplan,J.-C. 4553
Kapler,G.M. 3369
Kaptein,R. 4645
Karam,J.H. 7655,9101
Karlovský,P. 6753
Karlsson,S. 2327
Karnitz,L. 9841
Karp,R. 3931
Karsch,T. 6743
Kartasova,T. 5945
Kato,N. 9153
Katsumata,R. 3917
Käufer,N.F. 1477
Kawakami,M. 8725
Kawamura,H. 6419
Kawashima,E. 9083
Kay,M.A. 987
Kay,P.S. 1559
Kay,R. 2778
Kay,R.J. 3723
Kazazian,H.H.,Jr 6312
Kedes,L. 2871,10569
Kédinger,C. 509
Keinänen,R.A. 3595
Kell,B. 3531
Kelley,D.E. 7199
Kelley,W.N. 9086
Kellogg,J. 10605
Kelly,J. 4307
Kelly,J.M. 7411
Kelly,R. 2823
Kemmink,J. 4645
Kemp,E.H. 3924
Kemp,L.M. 7283
Kemshead,J.T. 4761
Kennard,O. 6589,7935
Kennedy,C.R. 7663
Kenwrick,S.J. 2167,2639
Kerckaert,J.P. 5905
Kermekchiev,M.B. 4131
Kerrigan,D. 6713
Kessler,M.M. 631
Khan,A.S. 5898,7640
Khan,P.M. 6575
Khan,S.A. 4085
Kick,D. 4099
Kidd,J.R. 7650
Kidd,K.K. 1882,6311,7212
Kiefer,B.I. 10061
Kiehne,K.L. 8661
Kieser,T. 2665
Kiesewetter,S. 3184
Kiker,N.P. 5529
Kikuchi,H. 8107
Kim,S. 6766
Kim,S.-Y. 10267
Kimura,S. 3178,10053
Kinchington,D. 10345
Kindsvogel,W. 5496
King,A. 10469
King,J.A. 10584
Kingsman,A.J. 6243,6875, 7309,7571,10267
Kingsman,S.M. 6243,6875, 7309,7571,10267
Kinoshita,N. 4705
Kintanar,A. 5845
Kirchgessner,T. 6763
Kirchhoff,W. 3877
Kishi,F. 6733
Kislauskis,E. 199
Kiss,G.B. 3620
Kiss,T. 560,1332
Kisselev,L.L. 362,363
Kister,K.-P. 1905
Kitamura,D. 2851,10105
Kitano,K. 6738
Kiyama,R. 7477
Kizyma,L. 1173
Kjems,J. 4821
Klco,S. 4481
Klein,A. 4350
Klemenz,R. 3947
Klemsz,M.J. 9600
Klevan,L. 4513
Klevit,R.E. 5845
Klig,L.S. 5339
Klimašauskas,S. 7027,8467
Klinger,K.W. 4696
Klinkhamer,M.P. 8267
Klinman,D. 4700
Klobeck,H.-G. 1,4877,9655
Klug,J. 9102
Knauf,V.C. 7197
Knippers,R. 3455,9741
Knöchel,W. 10062
Knopf,C.W. 7647,8109
Knuchel-Aegerter,C. 7809
Ko,K. 2391
Kobayashi,K. 6733,7177
Koeffler,H.P. 2013
Koepsel,R.R. 4085
Kofler,R. 2771
Kofoid,E.C. 345
Koganezawa,H. 7103
Kohl,A. 6756
Kohlhaw,G.B. 5261
Kohn,K.W. 10531
Koike,S. 2499
Koken,M.H.M. 9195
Kokontis,J. 9603
Koller,H.T. 5391
Kollias,G. 5739
Kölling,R. 2479
Koltunow,A.M. 7795
Komagata,K. 365
Komano,T. 1165
Komatsoulis,G.A. 9079
Kominami,R. 2043
Kondoleon,S. 9096,9097, 10605
Kong,H. 7205
Konieczny,A. 6742
Koning,T. 4645
Konkle,B.A. 5909,6766
Kopper,R.A. 8417
Korch,C. 3199
Korn,L.J. 4603
Korneeva,G.A. 1745
Korneluk,R.G. 6769
Kössel,H. 5517
Kotani,H. 2653
Kotze,M.J. 376,861, 2400,10067
Kovács,T. 1763,4111
Kowalski,D. 4467
Kozak,M. 8125
Kozma,S.C. 5963
Kraft,R. 8568
Krapcho,K. 9622,10076, 10613,10614
Kraszewski,A. 2191
Kreader,C.A. 9027
Kreil,G. 2388
Kremsky,J.N. 2891,2911
Kress,M. 7638
Krijgsman,P. 8831
Krishnamoorthy,R. 3921, 4355,8195
Kristensen,T. 5507
Kristo,P.A. 3595
Kroemer,G. 2771
Kroezen,V. 6773
Krol,A. 2463
Krupp,G. 7209,7649
Kryukov,V.M. 5480
Krzemien,D. 2363
Ksenzenko,V.N. 5480

Kubo,A. 1165
Kubo,K. 7179
Kücherer,C. 2479
Kuck,U. 6743
Kuechler,E. 1387
Kuenzle,C.C. 9691
Kuff,E.L. 3823
Kuipers,O. 3743
Kulomaa,M.S. 3595
Kumar,A. 10603
Kumar,S. 1199
Kumlin-Wolff,E. 9621,10076, 10610,10611
Kunert,C.J. 67
Kunisawa,R. 368
Kunz,W. 5894
Kupferschmitt,G. 6225
Kurnit,D.M. 3939
Kurosawa,Y. 6733
Kurz,C. 277
Kusano,T. 8815
Kuwata,S. 10048
Kuyl-Yeheskiely,E. 1807
Kuziel,W.A. 3181
Kuzmin,E.V. 6758
Kwoh,D.Y. 5373
Kwok,K. 7325

La Farina,M. 7190
La Mantia,G. 1595
Labhart,P. 3623
Labie,D. 3921,4355,8195
Ladias,J. 6763
Ladias,J.A.A. 6768
Lafferty,R.M. 9606
Lagosky,P.A. 10355
Laird,P.W. 7357,10087
Lalanne,J.-L. 4990
Lali,S.M. 6607
Lalouel,J.-M. 9098,9619,9620, 9621,9622,9623,10072, 10073,10074,10075,10076, 10077,10078,10079,10080, 10606,10607,10608,10609, 10610,10611,10612,10613, 10614
Lambert,J. 3977
Lamberti,A. 1951
Lamm,N. 3920
Lampen,J.O. 1877,6049
Lancelot,G. 7531
Landsman,D. 3549,6750
Lane,D.P. 9090
Lane,E.B. 10058
Lane,M.J. 839,3930
Langenhoven,E. 376,10067
Langlois,S. 3938
Langsley,G. 2203
Lania,L. 1595
Lanka,E. 2385
Lankat-Buttgereit,B. 7649
Lanser,J.A. 5275
Lapid,S. 3186
Laplante,S. 839
Lapointe,M. 6691
Lapoumeroulie,C. 8195
Larimer,F.W. 9087
LaRocco,P. 380
Larrinua,I.M. 3932,4356, 4689,5896
Larsen,C.J. 3190
Larsen,J.E.L. 5125
Larson,J.E. 6917
Larson,S.B. 1217
Larsson,U. 9011
Latchman,D.S. 7283
Lathrop,G.M. 9098,9619,9620, 9621,9622,9623,10072,10073, 10074,10075,10076,10077, 10078,10079,10080,10606, 10607,10608,10609,10610, 10611,10612,10613,10614
Latimer,L.J.P. 1047,4325
Latta,M. 10593
Lau,P.C.K. 2394
Lau,R.H. 2394
Lauble,H. 9531
Laučys,V. 7027
Laurent,M. 1615
Lavergne,J.-M. 9099
Lawn,R.M. 4698,7657,9617
Lawther,R.P. 1521,2137
Lax,A.J. 856
Lázaro,J.M. 7781
Le Boulch,P. 5487,7211
Le Bret,M. 8003
Le Doan,T. 7749,8643
le Moullec,J.-M. 4990
Le Van Kim,C. 1880
Leader,D.P. 3291
Leary,K. 905
Leavitt,M.C. 5251,8999,9088
Lebby,R.A. 3503
Leberman,R. 1005
Lebkowski,J.S. 9043
Lebleu,B. 10419
Leblond,S.C. 6769
Lebrun,M. 4360,7181
Lecomte,C.M. 6331
LeCras,T.D. 4357
Ledbetter,D.H. 9096,9097
Ledley,F.D. 5613
Lee,C.-H. 7639
Lee,F. 333
Lee,J. 7207
Lee,J.-D. 753
Lee,J.-S. 6307
Lee,J.S. 1047,4325
Lee,K.-L.D. 5051
Lee,M. 7081
Lee,M.-S. 4257
Lee,S.-H. 7663
Lee,W.R. 7641
Lee,Y.M. 10603
Leffers,H. 4821
Legrain,M. 5893
Lehmbeck,J. 3630
Leinfelder,W. 4821
Leinwand,L.A. 5443,8568
Leitersdorf,E. 2782
Lemaire,C. 9129
Lemaître,M. 10419
Lench,N.J. 1363,3639,8121
Leng,M. 1779,5629
Lengyel,J.A. 2309
Lenoir,G.M. 4553
Lenz,S. 4989
Leon,O. 10523
Leppert,M. 2537,9098,9619, 9620,9621,9622,9623,10072, 10073,10074,10075,10076, 10077,10078,10079,10080, 10606,10607,10608,10609, 10610,10611,10612,10613, 10614
Lequarre,A.-S. 7193
Lerch,K. 8106
Lerch,L.B. 9043
Lerouge,T. 3919
Leroy,P. 1139
Leung,F. 1875
Leung,W.C. 3925
Leupin,W. 267
Levanon,A. 9076
Levchenko,I.V. 6758
Levin,S.D. 5496
Levine,M. 3097
Levinson,B. 9797
Levinson,G. 5323
Levy-Wilson,B. 1884
Lewis,A.K. 859
Lewis,E.J. 2363
Lewis,W.H. 6760,7651
Lewy,D. 4307
Lhomme,J. 7749
Li,C.-B. 3937
Li,P. 5275
Li,W.-H. 1281
Li,X. 9299
Li,Y. 3196,8399
Liao,S. 9603
Liarakos,C.D. 8417
Libert,F. 6735
Libertini,L.J. 6655
Lieberman,M.W. 4693
Liljestrom,P. 2213
Liljestrom,P.L. 2213
Lilley,D.M.J. 5765,9641
Lim,D.W. 381,1344
Lin,A. 9451
Lin,L.-S. 8319
Lin,P.-F. 7212
Linnane,A.W. 1965
Linnenbach,A.J. 4696
Linsley,P.S. 4697
Linthorst,H. 2837

Linz,J.E. 9997
Linzer,D.I.H. 6677
Liou,G.I. 3196
Lipanov,A.A. 5833
Liquier,J. 5813
Lira,L.M. 9997
Lis,J.T. 2971
Litfin,M. 1643
Litt,M. 2783,9096,9097,10605
Litt,R. 2783
Little,P.F.R. 3639
Litts,J.C. 3607
Liu,L. 3023,9461
Liu,T.-J. 3023
Liu,X.-Y. 4291
Liu,Z. 6296
Liu,Z. 4688
Llewellyn,D.H. 1349
Lloyd,C. 5485
Lloyd,J.A. 5482
Lloyd,R.G. 5041
Lobo,S.M. 3622
Lobos,E.A. 6767
Lockett,T.J. 4307
Loeb,L.A. 1185
Loflin,P.T. 9429
Lohse,P. 4989
Loidl,P. 8351
LoMonaco,M.B. 7641
Longmire,J.L. 859
Loo,T.W. 3041
Lopes,J.M. 2137
Lopez,B. 5643,6813
López,S. 4691
Loreau,N. 4717
Lorenz,W. 9667
Lother,H. 2479
Lottspeich,F. 9607
Loucheux-Lefebvre,M.H. 5905
Loughlin,L. 7951,7963
Louis,B.G. 345
Lovegren,E. 8739
Lowary,P.T. 10483
Lowe,N. 2386
Lown,J.W. 4241,7081
Lubon,H. 2103
Lucchini,G. 5017,7975
Lucero,M. 4990
Luckow,B. 417,5490
Lucotte,G. 374,9103
Ludgate,M. 6735
Ludwig,M. 2396
Ludwig,W. 7182
Lührmann,R. 4021
Lukins,H.B. 1965
Luo,X.Y. 10605
Lusis,A.J. 6763
Lust,J.A. 7652
Lycksell,P.-O. 9011
Lynch,J. 5492
Lyons,J. 5669
Lyubchenko,Y.L. 6665
MacAvoy,E.S. 10596
MacDonald,M.E. 1445
MacDonell,M.T. 1335, 1879,4354
Mache,R. 3621
Macleod,A.R. 8105
MacLeod,H.L. 6769
Madaule,P. 1869
Maddox,R.P. 8417
Madern,D. 1005,9081,10199
Madonna,M.J. 1877
Maeda,H. 2851
Maestri,I. 866
Magdolen,V. 9078
Magenis,R.E. 7325,10605
Mager,W.H. 6037,10133
Maguire,K.A. 8547
Mahoney,P.A. 2309
Mahuran,D. 3194
Majumdar,R. 5863
Mak,T.W. 6760
Makaroff,C.A. 5141
Maki,R.A. 9600
Makino,R. 6419
Malfoy,B. 8561
Malgaretti,N. 9349
Malik,S. 8521
Malim,M.H. 7571
Malinge,J.-M. 1779
Malloy,M.J. 1344,1884
Malvy,C. 3421,10419
Man,Y.M. 3291
Manavathu,E.K. 3925
Mandel,J.-L. 1880,5903, 6308,9129
Manelienė,Z. 7027,8467
Manfioletti,G. 9608
Maniaa,S.S. 31
Mankoo,B.S. 9105
Manley,J.L. 4417
Mann,N.H. 3924
Mansouri,K. 8041
Mantovani,R. 9349
Manzara,T. 3927
Manzini,G. 5803
Marchetti,G. 1347
Marcker,K.A. 1507
Marcus-Sekura,C.J. 5749
Mardon,H.J. 7725
Maresca,A. 3938,8799
Margison,G.P. 9177
Marguerie,G. 1615
Mariame,B. 6171
Mariman,E.C.M. 5502
Mariñon,B. 9515
Marinus,M.G. 8205
Mark,A. 8565
Markovits,J. 6713
Markslag,P. 8120
Marlhens,F. 1343,1348,8561
Marlière,P. 345
Maroteaux,L. 7643
Marrot,L. 5629
Martial,J.A. 6331
Martin,C. 10080,10608
Martin,D. 9104
Martin,D.R. 10551
Martín,J.F. 3922,10598
Martin,N.C. 8845
Martin,R.P. 7381
Martinerie,C. 1329
Martínez,C. 6117
Marton,L.J. 5873
Maruyama,N. 7186
Marvit,J. 5613
Marzluff,W.F. 3023,3622
Maschner,P.D. 5391
Mashkova,T.D. 362,363
Masuta,C. 10048
Matallana,E. 6973
Mateos,L.M. 3922,10598
Matera,A.G. 5199
Mathias,C. 3723
Mathieu-Mahul,D. 3190
Mathis,D. 7265
Mathy,L. 2396
Matrisian,L.M. 1139
Matsui,T. 5681
Matsumoto,T. 4481
Matsuoka,M. 6302
Mattaj,I.W. 2403,6437
Mattei,D. 2203
Mattei,J.-F. 2639
Mattei,M.G. 2639,6308
Mattes,U. 10083
Mattes,W.B. 10531
Matteucci,M.D. 709
Matzeit,V. 5890
Mauchauffe,M. 3190
Maunders,M. 10587
Maupin,M.K. 695
Mauxion,F. 7638
Maxson,R. 10569
May,B.K. 8563
May,E. 2445,8177
May,F.E.B. 3773
Mayaux,J.-F. 10593
Mayer,H. 6740
Mazzetti,P. 1870
McAdam,W. 871,1921
McAlister-Henn,L. 4993
McAllister,W.T. 8773
McBain,W. 3671
McBride,K.E. 825
McBride,O.W. 10071
McCarthy,B.J. 3335
McCarthy,J.G. 8069
McClelland,M. 5985,r219
McCloskey,J.A. 683,1199
McConnell,B. 10007
McConnell,D.J. 7411
McDermid,H.E. 5498
McDougall,J. 161,7593
McDougall,J.K. 561

McIntire,S.A. 2029
McIntosh,J.E. 6734
McIntosh,L. 10585
McIntosh,L.P. 7627
McIsaac,R. 4629
McKee,C.B. 10031
McKeon,J. 7903
McKercher,S.R. 9600
McLaughlin,L.W. 5289,9011
McLaughlin,R. 3703
McLaughlin,W.E. 3932,4356, 4689,5896
McLean,C. 3639
McLean,M.J. 6957
McLennan,A.G. 7053
McMahan,J. 4617
McNally,E.M. 5443
McNally,M.A. 9043
McNamara,K.J. 9239
McPherson,J. 2778
McRobbie,S.J. 7463
McStay,B. 7429
Meagher,R.B. 6501
Mechtel,M. 3943
Medon,P.P. 5275
Meera Khan,P. 9365
Mehl,E. 9607
Meijer,M. 4901
Meijlink,F. 4193,6773
Meincke,L.J. 859
Meisen,C. 2399
Meissner,F. 9263,r53
Meldrum,R. 3493
Mellado,R.P. 7781
Mellor,J. 6243,6875
Melton,D.W. 10469
Memelink,J. 8267
Méndez,E. 7781
Ménez,A. 5892
Mercereau-Puijalon,O. 2203
Mermod,J.-J. 2389
Mertins,P. 7369
Merz,P. 3191
Messer,W. 2479
Messing,K. 1346
Mestek,A. 10595
Metge,D.W. 8387
Metz,M.H. 5787
Meyer,D. 9099
Meyer,R.J. 8319
Meyer-Leon,L. 6469
Meyerhof,W. 10062
Meyers,R.E. 2891
Mezquita,C. 9604
Mezquita,J. 9604
Mgbeje,B.I.A. 10583
Michaeli,T. 1579
Michalowski,C.B. 6301
Michel,C.J. 7581
Michels,V.V. 7652
Michot,J.-L. 9227
Middleton,P.G. 855
Mietz,J.A. 3823
Miki,T. 6311
Milhous,M. 6091
Millán,J.L. 10599
Millar,N.S. 3961
Miller,C. 2013
Miller,H. 4629
Miller,J.C. 9339
Miller,M. 3877
Miller,O.J. 1173
Milligan,J.F. 8783
Mills,J.S. 7709
Milner,R. 1882
Minchenkova,L.E. 8467
Minden,M. 6760
Minton,N.P. 1331,3177,3924
Miranda-Ríos,J. 2757
Mirault,M.-E. 5181
Mita,T. 5681
Mitchell,M. 7325
Mitchelson,K. 9577
Miura,K. 6131
Miwa,K. 8057
Miwa,T. 2043
Miyamoto,N.G. 9095
Mizukami,T. 3917
Mizuno,T. 6827
Mizuuchi,K. 771
Mizuuchi,M. 771
Mocharla,H. 10589
Mocharla,R. 10589
Mock,B. 2397,4700
Modi,W. 2327
Mohandas,T.K. 8119
Mohun,T. 10569
Mole,S.E. 9090
Molko,D. 397
Moll,J. r53
Momma,T. 8117
Monk,R.J. 7646
Monpezat,J.-P. 1343
Montag,D. 6736
Montandon,P.-E. 7809
Monteith,N.L. 6769
Montenay-Garestier,T. 6149
Montgomery,J.C. 4687
Moolenaar,G.F. 4273
Moon,E. 611,4358
Moore,G. 1363
Moore,M.W. 2699
Moran,L.S. 8249,9781
Morandi,C. 9091
Morch,M.D. 4123
Moreno-Lopez,J. 8607
Morgan,F.J. 1921
Morgan,J.G. 2774
Morgan,R.D. 5492,7201
Morikami,A. 4692
Morino,K. 9727
Morino,T. 10051
Morisawa,H. 4403
Morley,K.L. 7045
Mo ris,C.P. 8563
Morris,D.R. 2563
Morrison,N.A. 813,7656
Morse,R.H. 10311
Morton,S.J. 5041
Morvan,F. 3421,4241,6625, 7081,10419
Moss,B. 7192
Moss,T. 9577
Mougel,M. 9109
Moulton,A. 2327
Mounier,N. 2781
Moussa,N.M. 3622
Moyer,D. 8573
Moylan,S.L. 7197
Mueller,O.T. 2783
Mugele,K. 4535
Muhich,M.L. 3141
Mukai,S. 4403
Mullenbach,G.T. 5484
Müller,E. 6515
Müller,F. 6515,7191,7689
Muller,M. 4163
Müller,M.M. 6787
Müller,R. 277
Mullet,J.E. 5217
Müllner,E. 741
Munck,J.-N. 5529
Munro,H.N. 8113
Munroe,D.L.G. 3194
Müntz,K. 9609
Mural,R.J. 9085
Muramatsu,M. 2043,2499
Murchie,A.I.H. 9641
Murialdo,H. 119
Murphy,J. 1331
Murphy,P.D. 6311,7212
Murray,A.M. 9615
Murray,J.C. 377,6764,6765
Murre,J.J. 6037
Mushinski,J.F. 4700
Muskavitch,K.M.T. 370
Musso,G.F. 5353
Musti,A.M. 8149
Mutolo,V. 7190
Myers,R. 10610,10611
Myles,G.M. 1227

Nagamine,C.M. 9227
Nagao,M. 4809
Nagatsu,T. 6733
Nagley,P. 366,1965
Nakamura,E. 7637
Nakamura,H. 9601
Nakamura,K. 4692,7177
Nakamura,Y. 2537,9098,9619, 9620,9621,9622,9623,10072, 10073,10074,10075,10076, 10077,10078,10079,10080, 10606,10607,10608,10609, 10610,10611,10612,10613, 10614

Nakaseko,Y. 4705
Nakauchi,H. 4337
Nakazawa,A. 6733
Nalaskowska,M. 362
Nancarrow,D.J. 5503
Nardelli,D. 4737
Naruto,M. 9601
Narva,K.E. 9807,10063
Nasri,M. 7677
Nath,S.T. 4257
Nauseef,W.M. 2013
Nazar,R.N. 161,7593
Neale,A.D. 1753
Nechushtan,H. 6405
Nedospasov,S.A. 9083
Needham,M. 7709
Neftel,K.A. 10495
Neidle,S. 2221,3469,6553
Nelson,D.A. 9325
Nelson,M. 5985,r219
Neote,K. 3194
Nepveu,A. 7849
Nester,E.W. 825,7503
Neuhaus,H. 6515,7689
Neuner,P. 4837
Newlon,C.S. 8963
Newman,R. 3639
Newton,S.E. 3305,7155
Ng,K.E. 3573
Ng,P.G. 709,3997
Nicholls,R.D. 6197,9215
Nicholson,D.L. 861,2400, 5907,5908
Nicolis,S. 9349
Nielsen,J. 1729,3626
Nielsen,P. 7187
Nielsen,P.E. 921
Nienhuis,A.W. 2327,5501
Nieuwint,R.T.M. 6037,10133
Nigon,V. 9612
Nimmo,E.R. 3940
Nischt,R. 1477
Nisco,S.J. 4993
Nishihara,T. 4403
Nishikubo,C. 7637
Nishimura,S. 8107
Nishiyama,K. 10105
Nishiyama,Y. 1185
Nisioka,T. 1165
Niwa,O. 4481
Nixon,B.T. 7921
Nocente-McGrath,C. 4629
Nocentini,S. 4211
Nohno,T. 2777
Nolan,G.P. 4337
Nomoto,M. 5681
Nomura,M. 3085
Nong Van,H. 9609
Nordheim,A. 1661,10145
Nordstrom,J.L. 631
Nosoh,Y. 853,4988
Noti,J.D. 9598
O'Brien,S.J. 2327,5501
O'Connell,M. 31
O'Connell,P. 2537,9098,9619, 9620,9621,9622,9623,10072, 10073,10074,10075,10076, 10077,10078,10079,10080, 10606,10607,10608,10609, 10610,10611,10612,10613, 10614
O'Connor,M.L. 9057
O'Dea,M.H. 771
O'Donnell,K.H. 8249
O'Dowd,B.F. 3194
O'Malley,B.W. 3595
O'Neal,J.K. 8661
O'Toole,T.E. 9086
Obayashi,A. 2653
Ochiai,M. 4809
Oddos,J. 4771
Odijk,H. 9195
Oechsner,U. 9078
Oette,K. 3943
Ogawa,S. 6309
Ogden,J.E. 6875
Ogilvie,D.J. 4699
Ohno,S. 7179
Ohshita,Y. 1336
Ohtsuka,E. 3761,4403,6131
OhUigin,C. 7411
Oishi,M. 7477,8815
Oishi,N. 6309
Oka,Y. 8877
Okafuji,T. 7659
Okami,Y. 1819
Okano,K. 9601
Okarma,T.B. 9043
Okumoto,D.S. 10021
Okumura,K. 7477
Old,R. 5889
Oldenburg,M. 9365
Olek,K. 2396,2398,2399, 6310,7658
Oliva,R. 9604
Oliver,S.G. 8963
Olschwang,S. 1348
Olson,M.V. 4437
Omilli,F. 2445,8177
Ono,A. 219,3059
Ono,M. 8725
Ooi,B.G. 1965
Ooka,T. 2707
Opatz,K. 5894
Oren,R. 9076
Orgel,L.E. 1699,3573
Orii,H. 1097
Orlin,P. 5493
Orosz,A. 1334
Ortín,J. 6117
Ortuno,M.J. 1521
Orzechowski,H.-D. 6310
Osawa,S. 365
Osiewacz,H.D. 10585
Osswald,M. 3221,3241
Osterholzer,E. 9567
Ostrowski,M.C. 7005
Ota,Y. 3178
Otani,T. 4437
Otroshchenko,V.A. 1745
Otsuka,T. 333
Ottiger,H. 4789
Otto,C. 7605
Ottolenghi,S. 9349
Ötvös,L. 1763
Ou,J. 8919
Ouellette,M. 10055
Overhauser,J. 1345,4617
Owen,R.J. 3631
Øyen,T.B. 5699
Paces,V. 4849
Padua,R.A. 3940
Pagès,M. 6749
Palella,T.D. 9086
Palla,F. 2403
Pallás,V. 4203
Palleschi,C. 6387
Palm,P. 5581
Palmer,J.D. 5141
Palsdottir,R. 2395
Pannekoek,H. 9099
Pannuti,A. 1595
Pansegrau,W. 238[illegible]
Paoletti,C. 3421 [illegible]
Paoletti,J. 342[illegible]
Paonessa,G. [illegible]
Papayannopoulou,T. 10159
Parent,L.J. 2780
Park,W.D. 1979
Park,Y.-H. 365
Párkányi,L. 4111
Parker,M. 4361
Parker,M.G. 7709
Parks,T.D. 10066
Parren,P. 4901
Pastewka,J. 10053
Patel,Y. 5985
Paterno,G.D. 1019
Paterson,M.C. 10069
Patillon,M. 3919
Patterson,M. 2639
Patterson,T.A. 6298
Patzelt,E. 1387
Paulson,K.E. 5199
Pauplin,Y. 5899
Payson,R. 10606
Paz,V. 9451
Pearl,L.H. 3469,6553
Pearson,P.L. 5903,9100
Pederson,D.S. 10311
Peeters,B. 1627
Pelka,H. 10523
Peñalva,M.A. 1874
Pennock,D. 7429

Pentecost,B.T. 5051
Peralta,E.G. 3636
Perbal,B. 1329
Pereira,R. 2137
Pérez-Ortín,J.E. 6973
Perricaudet,M. 5887
Perrin,P. 5729
Perrin-Schmitt,F. 3439
Perrouault,L. 7749,8643
Perry,B.A. 3628
Perry,R.P. 7199
Peter,M. 9263
Peterson,D.O. 7045
Peterson,M.G. 871
Petrauskiené,L. 7027,8467
Pettersson,U. 4997,8607
Pfahl,M. 9613
Pfitzinger,H. 1377
Pfitzner,U.M. 4449
Pham,M.-H. 10060
Pham,R. 6713
Philipson,L. 2403
Phillips,D.G. 6312
Phillips,G.J. 2611,2627
Phillips,J.,III 9797
Phillipson,D.W. 683,1199
Pichersky,E. 3928
Picken,R.N. 10068
Picksley,S.M. 5041
Pictet,R. 857,4771
Piechaczyk,M. 5657
Piepersberg,W. 8041
Pikaard,C.S. 1979
Pillay,D.T.N. 1377,10588
Pillidge,C.J. 1879
Pines,O. 2089
Pissowotzki,K. 8041
Pizza,M.G. 5895
Planta,R.J. 6037,10133
Plaskon,R.R. 785
Plasterk,R.H.A. 10050
Pletcher,B.A. 7650
Plevani,P. 5017,7975
Pley,C. 2837
Po,T. 5069,5085
Pokalsky,A.R. 8661
Poljak,L.G. 5433
Pollwein,P. 9741
Pommier,Y. 6713
Pon,R.T. 7203
Poncz,M. 380,5169
Portela,A. 6117
Porter,S.G. 7503
Portugal,J. 885
Possee,R.D. 10233
Postlethwait,J.H. 67
Postmes,A.M.E.A. 3629
Potter,A.A. 4361
Potter,B.V.L. 4145
Potter,P.M. 9177
Potter,S.S. 5482
Powell,C. 4915
Praseuth,D. 7749
Prat,A. 1717
Preiss,J. 10603
Prell,H.H. 6753
Prentki,P. 10060
Prescott,M. 7053
Preston,P. 7642
Pretorius,A. 4702
Priefer,U.B. 31,1951
Priess,J. 2295
Prinoski,K. 3182
Pritchard,C.A. 6159
Prives,C. 1579
Proba,K. 7187
Prockop,D.J. 5497
Prudhomme,J.-C. 2781
Prunell,A. 2803
Pühler,A. 31,1951
Pulido,D. 4227
Pullman,B. 2175,5775
Purton,S. 1873,9080
Purvis,I.J. 2417,7951,7963
Puyet,A. 5561

Qian,S. 987
Qin,J. 6091
Quaas,R. 858,2779
Quadrifoglio,F. 5803
Quatrano,R.S. 3607
Quigley,F. 3621
Quignard,E. 3397
Quinnan,G.V.,Jr 5749

Rabbitts,T.H. 4991
Rabussay,D. 6075
Raff,R.A. 10405
Ragheb,J.A. 3891
Ragnini,A. 6387
Ragusa,A. 3921
Rahmsdorf,H.J. 1643
Raimondi,E. 7653
Ramage,R.T. 6301
Ramirez,F. 181
Randrianarivelo,M. 5775
Rao,P.Y. 4513
Rao,S.K. 4355
Raphael,K. 871
Rapp,U.R. 595
Rappaport,E. 380
Rappuoli,R. 5897
Rasmussen,O.F. 854,1327
Rathjen,P.D. 7309
Ratner,L. 6017
Ratti,G. 5897
Ray,J. 731,10587
Raymond,G.J. 9881
Rayner,B. 3421,4241,6625, 7081,10419
Razlutskii,I.V. 6665
Rech,J. 5657,5899
Reeder,R.H. 3623,7429
Regan,J.B. 4915
Rehfuss,R.P. 839
Reid,B.R. 5845
Reid,R.S. 4325
Reiländer,H. 31
Reilly,J.D. 7125
Reinach,F.C. 8105
Reinbolt,J. 5787
Reiners,L. 3689
Reinhart,G. 8417
Reiter,W.-D. 5581
Renard,A. 6331
Renart,J. 6007
Renault,G. 8861
Renkawitz,R. 417,4163
Renz,M. 277
Reshef,L. 6405
Retief,A.E. 376,861,2400, 5907,5908,10067
Reuter,R. 4021
Revet,B. 947
Rewinski,C. 8205
Reymond,C.D. 8118
Reynolds,R.P. 2343
Reznikoff,W.S. 8116
Rhee,L. 3187,3188
Rhee,L.M. 3636
Rhodes,C. 3934
Riazance,J.H. 7627
Riazuddin,S. 6607,9471
Ricci,S. 5897
Riccio,A. 1951
Rich,A. 1661
Richards,R.I. 1350, 10052,10057
Richins,R.D. 8451
Richter,A. 3455
Riddell,D.C. 2784
Rider,P. 4837,6181
Rider,S.H. 864,6762
Ridge,N.P. 7197
Ridoux,J.-P. 5813
Ridsdale,J.A. 1081
Riedel,H.-D. 385
Riesner,D. 5069,5085
Rigaud,G. 857
Riggs,C.D. 8115,9551
Rigler,R. 9011
Rinaldi,E. 7653
Riordan,J.R. 1882
Riva,S. 9091,10211
Rivkin,E. 6755
Roan,J. 7429
Robakis,N.K. 3191,9103
Robbins,T.P. 8122
Roberts,C. 9227
Roberts,C.F. 7991
Roberts,M. 1401
Roberts,R.J. r189
Robertson,H.D. 9861
Robins,R.K. 1217
Robinson,E.A. 771
Robinson,P. 7935

Robson,K.J.H. 5613
Rodermel,S. 5493
Rodesch,C. 373
Roditi,I. 10179
Roebuck,K.A. 9239
Roeder,R.G. 4365,5031
Rogers,G.E. 7795
Rogers,J.C. 2515
Rogers,S.G. 1543,6501
Roig,V. 7531
Roiko,K. 5497
Roizès,G. 3919,6749,7395,8593
Rollo,F. 9094
Romana,M. 5487,7211,7343
Romaniuk,P.J. 2737
Romano,L.J. 4257
Rombauts,W. 1627
Romby,P. 5787,9109
Romeo,G. 4695
Roméo,P.-H. 5487,7211,7343
Roninson,I.B. 6305
Ronson,C.W. 7921
Roos,B. 5715
Roosendaal,E. 5973
Ropers,H.H. 3193,8120
Roschmann,E. 1883
Rose,E.A. 8113
Rose,R.E. 7197
Rosemeyer,H. 9075
Rosenbaum,V. 5069
Rosenberg,R.N. 5904
Rossi,P. 8935
Rostas,K. 5041
Roth,S.Y. 8112
Rothe,S. 4021
Rothenbuhler,R. 2389
Rotwein,P. 7196
Rouabhi,F. 8195
Rougeon,F. 6171
Rousset,S. 5643
Rouzaud,D. 6149
Rovera,G. 2013
Rowlands,D.J. 3305,7155
Roy,J.C. 1445
Roy,K.L. 6297
Roy,P. 7206,7207
Roy,P.H. 10055
Royer,R. 9487
Rozen,F. 6489
Rozhon,E.J. 3933
Ruan,K.-S. 6883
Ruddle,F.H. 5495,6311,7212
Ruddle,N. 3937
Ruel,J. 6735
Rüger,W. 3632,3920
Ruiz-Carrillo,A. 7831
Ruland,K. 3918
Rupp,R.A.W. 9707
Russell,D. 370,1853
Russell,D.W. 379,7659
Russnak,R.H. 3723
Russo,T. 8562
Rüterjans,H. 6225
Rüther,U. 1643,7519
Rutter,W.J. 6304,8919
Ryseck,R.-P. 3317

Saalbach,G. 9609
Sacerdot,C. 5157
Sadhu,C. 5491
Sadler,J.E. 9098
Saenger,W. 4945
Saez,L.J. 5443
Saffarini,D.A. 5494
Sági,J. 1763
Saiga,H. 5681
Saint-Ruf,G. 5629
Saito,H. 8815
Saito,T. 2777
Sakaguchi,R. 7202
Sakai,M. 2499
Sakai,Y. 2927,2945
Sakaki,Y. 4007,6309
Sakata,T. 6209,7637
Salas,M. 7781
Salinas,J. 3009
Salisbury,S.A. 8167
Salkoff,L. 8569
Salmond,G. 3177
Salser,W. 8119
Salvesen,G. 5485
Salvi,R. 9094
Salvo,J.J. 9771
Samallo,J. 4193
Samarut,J. 9612
Sancar,A. 1109,1227
Sánchez,F. 1874
Sánchez-Pescador,R. 2757
[illegible]al,N.N. 1507
[illegible]ers,P.R. 1543
Sandri-Goldin,R.M. 905
Sands,J.F. 5157
Sangar,D.V. 3305
Santi,D.V. 8387
Santiago,T.C. 2417
Santoni,M.-J. 8621
Sarasin,A. 8861
Saris,C.P. 9933
Sarkar,N. 7877
Sarver,N. 6899
Sasaki,H. 6309
Sato,F. 7175
Sauermann,U. 8713
Saugstad,J.A. 3335
Saule,S. 4553
Saunders,G.F. 7651
Saurer,S.M. 5963
Savakis,C. 3931
Savatier,P. 9612
Scambler,P.J. 3639,8121,8122
Scarpati,E.M. 9098
Scavarda,N. 8569
Schaeffer,A.H. 1807
Schaffer,P.A. 4491
Schäffner,A.R. 8773
Schaffner,G. 6787
Schaffner,W. 6787
Schalken,J.A. 959
Schaller,H. 10117
Schatz,C. 1401
Schaufele,F. 8305
Schauzu,M.-A. 2479
Scheffer,H. 382
Schell,J. 3479,5890
Schepens,J. 3192,3193,5502
Scherer,D.E. 7197
Scherer,G. 5499,5500
Schildkraut,C.L. 87
Schildkraut,I. 5492
Schilperoort,R.A. 8267, 8283,8983
Schimke,R.T. 5906
Schinkel,A.H. 5597
Schleifer,K.H. 7182
Schmelzer,H.-J. 6740
Schmid,A. 3987
Schmid,C.W. 5199
Schmidt,D.S. 9515
Schmidt,J. 6225
Schmidt,M.A. 7652
Schmidt,Th. 6225
Schmidtke,J. 8713,r1
Schneider,C. 9608,10047
Schneider,J.C. 3515
Schoenmakers,J.G.G. 2772
Schofield,P.R. 3636
Scholthof,H.B. 8451
Scholtissek,S. 3185
Schön,A. 5488
Schonk,D. 8120
Schönthal,A. 1643
Schörgendorfer,K. 9606
Schotz,M. 6763
Schoute,F. 6575
Schröter,H. 10145
Schuch,W. 731,10587,10600
Schulhof,J.C. 397
Schulman,I.G. 8112
Schulman,L.H. 10523
Schultz,P. 5305
Schulz,G.E. 7187
Schulz,W. 5581
Schuster,H. 385
Schuster,W. 9092
Schütz,G. 417,5490
Schwab,H. 9606
Schwager,C. 4593
Schwartz,A. 1779
Schwartz,C. 862
Schwartz,E. 380,5169
Schwartz,J. 3933
Schwarz,F. 3877
Schweyen,R.J. 7217
Schyolkina,A.K. 8467
Scopes,R.K. 1753
Scott,J.D. 9617

Sczakiel,G. 1878
Sebastio,G. 7725
Sedee,N.J.A. 8983
Seebeck,T. 7357
Seeberg,E. 2787
Seela,F. 3113,7208,9075
Seidel,U. 4989
Seidler,L. 9263
Seifert,A.-M. 1346
Seiser,C. 741
Sekiguchi,T. 853,4988
Sekiya,T. 8107
Sekulovich,R.E. 905
Seldin,M.F. 1881,5900
Seliger,H. 5669
Selsing,E. 2699
Selsted,M. 2013
Semenza,G.L. 6768
Semler,B.L. 2069
Semon,D. 2389,9083
Sen,S. 5863
Senapathy,P. 7155
Sengstag,C. 233
Seno,T. 1259
Serafinowski,P. 1121
Serizawa,H. 1153
Setlow,P. 3923
Seto,N.O.L. 5483,10601
Seurinck,J. 7183
Shafer,R.H. 5873
Shaked,R. 8119
Shakhov,A.N. 9083
Shall,S. 3493,3503
Shane,S. 2013
Shapira,M. 3097
Shapiro,M.B. 7155
Sharma,N.D. 1199
Sharman,A. 1331
Sharmeen,L. 6705
Sharp,P.M. 1281,8023
Sharrocks,A. 8564
Shaw,P.E. 10145
Sheer,D. 864
Shelley,C.S. 3787,3801
Shen,C.-K.J. 2989
Shen,R.-F. 8399
Shennan,N. 1363
Shepherd,R.J. 8451
Shewmaker,C.K. 8661
Shi,Y. 6855
Shibahara,S. 4403
Shibuta,H. 2927,2945
Shields,D.C. 8023
Shigemoto,K. 7186
Shimada,T. 4992
Shimamoto,N. 5241
Shimatsu,A. 7196
Shimizu,H. 9601
Shimizu,K. 1259
Shin,M. 7637
Shinozuka,K. 4915,5749
Shioda,T. 2927,2945
Shiozaki,K. 9727
Shirley,B.W. 6501
Shishido,K. 7202
Shlyakhtenko,L.S. 6665
Shlyapnikov,M.G. 5480
Shows,T.B. 2783,5443
Shub,D.A. 7217
Shuster,J.R. 8573
Shvedova,T.A. 1745
Shyu,A.-B. 10405
Sibilli,L. 2203
Sifers,R.N. 1459,8399
Sigal,I.S. 10604
Sigaux,F. 10059
Silva,A.J. 3845
Silverman,M. 10455
Simcox,T.G. 9781
Siminovitch,K.A. 2699
Siminovitch,L. 3349
Simms,D.A. 4513
Simon,J.A. 2971
Simon,Ph. 373
Simoncsits,A. 8111
Simpson,A.M. 3141
Simpson,L. 3141
Simpson,N.E. 5498
Simpson,R.T. 10311
Sinclair,J.H. 2392,9255
Sinden,R.R. 5105
Singer,D.S. 2780
Singer,M. 2251
Singer,M.F. 8799
Singh,S. 3179
Singleton,C.K. 9610
Siniscalco,M. 4694
Sioud,M. 8217
Sippel,A.E. 9707
Sisodia,S.S. 1995
Skelly,J.V. 3469
Skingle,D.C. 5275
Skinner,H.B. 371,3628
Skinner,J.D. 3929,8087,9100
Skrdla,M.P. 9807
Skup,D. 1019
Skurla,R. 4700
Slatko,B.E. 8249,9781
Sleat,D.E. 3257,8693
Sleigh,M.J. 4307,9379
Sloof,P. 51
Small,E.W. 6655
Smardo,F.L.,Jr 661
Smeets,H. 3192,3193,8120
Smith,C.L. 4481
Smith,D. 4669,10597
Smith,D.I. 1173
Smith,M.T. 8501
Smith,R.F. 6764,6765
Smith,S.S. 6937
Smith,T.J. 2167
Smith,W.J. 4991
Smrt,J. 4849
Smyth,A. 10285
Snadden,L. 7325
Snell,R.G. 3625,7200
Snouwaert,J. 8293
So,A.G. 2269,9299
So,M.J. 2269
Soares,N. 3549
Sobrier,M.L. 2549
Sogawa,K. 4179
Sohail,A. 6607,9471
Soininen,R. 5497
Söll,D. 1887,6747
Sollner-Webb,B. 1995
Solomon,E. 864,1363
Solymosy,F. 560,1332
Som,S. 313
Sommerville,J. 4099,8679
Sonenberg,N. 6489
SooChan,P. 4513
Soret,J. 1329
Soubrier,F. 10593
Southern,E.M. 5925
Souza,C.D. 5498
Sowers,L.C. 8003
Spadari,S. 10495
Speer,A. 2167
Spencer,T.L. 3634
Spielman,R.S. 860
Spindel,E.R. 375
Sprinzl,M. 3184,9263,r53
Spritz,R.A. 10373
Sproat,B.S. 4593,4837,6181
Spurr,N.K. 1341,1342,5901, 7213,9604,9615
Srikantha,T. 3549
Sriprakash,K.S. 10596
Srivenugopal,K.S. 2563
Stachel,S.E. 825
Strackebrandt,E. 9597
Stamatoyannopoulos,G. 10159
Stange,N. 5477
Stanislovitis,P. 4696
Stanley,K.K. 10056
Stanway,C. 6875
Starr,T. 2784
Stasiak,P.C. 10058
Staub,A. 1139
Stauffer,J. 10595
Steel,L.F. 10285
Steenvoorden,A.C.M. 5669
Stegemann,J. 4593
Steger,G. 5069,5085
Stehelin,D. 5905
Steifa,M. 4945
Steiger,S. 10031
Stein,G.S. 1679
Stein,J.L. 1679
Steinberg,A.D. 1881,5900
Steinbiss,H.-H. 5890
Steiner,C. 4163
Steinmetz,M. 8621
Stenzler,L. 6563
Sterner,R. 4375

Stetter,K.O. 683
Stevens,A. 695
Stevenson,K. 5901
Stewart,G.D. 1445,3939
Steyn,I.T. 4702
Stillman,C.A. 3859
Stockhaus,J. 3479
Stockman,M. 8041
Stoddard,S.F. 7198
Stoffler,G. 3221,3241
Stoneking,M. 529
Stote,R. 7201
Strapelias,H. 9487
Strasser,J. 3934
Straubinger,B. 8567,9667
Straus,N.A. 2391
Strausfeld,U. 3455
Street,J.E. 7175
Strekowski,L. 8511
Strohal,R. 2771
Strominger,J.L. 8057
Strong,L.C. 7651
Struck,J.C.R. 4583
Strunk,K. 10373
Stuart,A.L. 4325
Stuart,G.R. 7451
Stuber,K. 9957
Stuitje,A.R. 4901
Stuiver,M.H. 5597
Stummann,B.M. 854,3630
Stumph,W.E. 9239
Stutz,E. 2387,7809
Su,T.-S. 2261
Suda,M. 853
Sudhof,T.C. 9607
Sudo,K. 2043
Sugimura,T. 4809
Sukenaga,Y. 7178,10051
Sukhatme,V. 3186
Sullivan,K. 9299
Sullivan,M.A. 2059
Sulston,J. 2295
Summers,M.F. 3531,4915
Sun,J. 6149
Sun,S.M. 1875
Sundstrom,P. 9997
Surowy,C.S. 10373
Surrey,S. 380,5169
Sussman,J.L. 3877
Sussman,M.D. 3923
Sutcliffe,J.G. 3563
Suter,U. 7295
Sutherland,G.R. 1350
Sutton,M. 5169
Suzu,S. 2927,2945
Suzuki,K. 1097,7179
Suzuki,K.-I. 365
Svaren,J. 8739
Sweeney,G. 5889
Sweeney,G.E. 933
Swida,U. 1477
Swiergiel,J. 6677
Swillens,S. 6735
Sykes,B.C. 4699
Symmons,P. 5894
Symons,R.H. 5275
Sypherd,P.S. 9997
Szabo,P. 3941,4694
Szajnert,M.-F. 4553
Szatmari,G.B. 6691
Szeberenyi,J. 9279
Sznyter,L.A. 8249
Szostak,J.W. 7217

Tabak,H.F. 5597,7217
Tabrizi,A. 5484
Tachibana,H. 5241
Tada,M. 6738
Tagawa,M. 4337
Tahira,T. 4809
Taillandier,E. 5813
Taillon,B.E. 2137
Takagi,K. 797,7178,10051
Takanami,Y. 10048
Takebe,Y. 333
Takeda,T. 7178
Takegawa,S. 10159
Takeishi,K. 1259
Takenaka,O. 4007
Takeuchi,T. 7650
Takezawa,T. 8725
Taljanidisz,J. 7877
Talmadge,K. 10602
Tamaki,M. 7637
Tamatsukuri,S. 7235
Tamura,T. 509
Tan,C.-K. 2269,9299
Tan,E.M. 9299
Tanaka,K. 10299
Tanaka,S. 6738
Tanaka,T. 3178,6209,7235
Tanaka,Y. 1097
Tang,W.-L. 3937
Tanksley,S.D. 9339
Tanzi,R.E. 1445
Tarlé,S.A. 9086
Taschke,C. 3918
Tashian,R.E. 4687
Tate,M.E. 6739
Tavitian,A. 1869
Taylor,B.A. 2823
Taylor,G.E. 7053
Taylor,G.R. 10355
Taylor,J. 6705
Taylor,J.H. 9551
Teare,J. 9279
Tebb,G. 2403,6437
Temperley,S.M. 7761
ten Asbroek,A.L.M.A. 10087
ten Dijke,P. 9195
Tener,G.M. 5483,10601
Téoule,R. 397,2191
Tephly,T.R. 3936
Teraoka,H. 7637
Thalmann,E. 1387
Thatcher,G.R.J. 7053
Thayer,R.E. 8799
Thenet,S. 3421,10419
Theodore,T.S. 5898,7640
Theophilus,B.D.M. 7443
Theveny,B. 947
Thibodeau,S. 2639
Thielan,B. 6017
Thisse,B. 3439
Thomas,C.A.,Jr 8877
Thomas,C.M. 7443
Thomas,D. 7677
Thomas,G. 1343,1348,8561
Thomas,M.S. 3085
Thomas,S.D. 10583
Thompson,R.J. 7204
Thöny,B. 8479
Thoraval,P. 9612
Thorner,J. 368
Thuong,N.T. 4717,6149,7531, 7749,8643,9909,10507
Tikka,L. 5497
Ting,L.-P. 2261
Tobey,R.A. 5051
Tobias,R. 3942
Tobin,S.L. 3335
Tobler,H. 6515,7689
Točík,Z. 4849
Toh-e,A. 10299
Tohyama,H. 1819
Tokunaga,M. 1031
Tolan,D.R. 10595
Tolentino,E. 7429
Tolmie,J.L. 7325
Tomaschewski,J. 3632,3920
Tomasselli,A.G. 7187
Tomley,F.M. 6563
Toohey,M.G. 7045
Topfer,R. 5890
Toschka,H.Y. 7182
Toulmé,J.-J. 4717
Trachsel,H. 372
Tregear,G.W. 4857
Trewitt,P.M. 5494
Tribioli,C. 10211
Tripodi,M. 7519
Tromp,C.M. 1807
Trowell,H. 8565
Trowsdale,J. 8957,9104
Tryggvason,K. 5497
Tsai,S.Y. 8399
Tschopp,J.F. 3859
Tsimanis,A. 6741
Tsuda,K. 853,4988
Tsui,F.W.L. 3349
Tsukada,N. 9153
Tsurushita,N. 4603
Tucker,J. 1878
Tucker,P.W. 3181
Tung,C.-S. 4973

Tunnacliffe,A. 4991
Turcotte,B. 1338
Turner,A.K. 10049
Turner,G. 9163
Turner,P.C. 3257,8693
Turnock,G. 933
Turturro,F. 9618

Udaka,K. 8117
Ueda,T. 219,3059
Uehara,H. 8815
Uemura,T. 9727
Uesono,Y. 10299
Uher,L. 6075
Uhlenbeck,O.C. 8783,10483
Ulbrich,N. 4583,7182,7735
Umek,R.M. 4467
Umeno,M. 10071
Umezawa,H. 1819
Urdea,M. 2757
Urdea,M.S. 368
Ursini,V.M. 8149
Utiyama,H. 5241
Uyeda,A. 6738
Uzawa,S. 9727

Vaeck,M. 7183
Vaheri,A. 6761
Vaidya,A.B. 4353
Vakulenko,S. 8111
Valentin-Hansen,P. 5125
van Belkum,A. 2837
van Boom,J.H. 1807,3397, 4645,9933
van Cong,N. 8561
Van Cott,E.M. 9781
van de Putte,P. 4273, 5945,8831
Van de Ven,W.J.M. 959,4349
van Delft,J.H.M. 9515
van den Berg,J.H.M. 382
van den Bergh,C.J. 3743
van den Berghe,J.A. 4761
van den Burg,J. 51
Van den Eynde,H. 367
Van den Ouweland,A.M.W. 959,4349
van den Tol,J. 9195
van der Eb,A.J. 6575,9365
Van der Horst,G.T.J. 5597
van der Kuyl,A.C. 6037
van der Marel,G.A. 1807,3397, 4645,9933
van der Putten,W.J.M. 7411
van der Vliet,P.C. 7223
van Drunen,K. 8831
van Duin,M. 9195
Van Dyke,M.W. 4365,5031
Van Etten,J.L. 6075,9807, 10063
Van Gool,A.P. 10591
Van Groningen,J.J.M. 959,4349
van Haaren,M.J.J. 8983
van het Schip,F. 4193
Van Houten,B. 1227
Van Houtven,A. 7183
van Kan,J.A.L. 6799
Van Neck,H.W. 959
van Ommen,G.J.B. 9100
van Ormondt,H. 6575,9365
Van Ryk,D.I. 7593
van Sluis,C.A. 4273
Van Tilburg,A. 3188
van Wijnen,A.J. 1679
Vandenberghe,A. 2773
Vanderleyden,J. 10591
vanTuinen,P. 9096,9097
Vary,C.P.H. 6917
Vassart,G. 373,6735,7193
Vassef,A. 1427
Vaughn,J.C. 5391
Végh,Z. 3620
Venkatesh,L.K. 2235
Venkstern,T.V. 1745
Venta,P.J. 4687
Verdier,G. 9612
Verheij,H.M. 3743
Verly,W.G. 8755
Verma,D.P.S. 813,1271
Verrier,B. 277
Verrijzer,P. 6773
Verweij,C.L. 9099
Vie,A. 5657
Viegas-Pequignot,E. 8561
Villa-Komaroff,L. 199
Villaret,D. 333
Vincze,E. 3620
Viret,J.-F. 6349
Vissel,B. 6751
Vissing,H. 1363,9096,10605
Vlasak,I 2388
Vo,T.D. 377
Vockler,C. 7491
Vogel,D.W. 4583
Vogel,U.S. 7204
Vollering,M. 8831
Vollrath,D. 7865
von Ahlefeldt,D.A. 7189
von Allmen,J.-M. 2387
Voogd,A. 51
Voos,W. 5581
Vorderwulbecke,T. r53
Voss,H. 5507
Voss,R. 864
Vossen,J.M. 9365
Vournakis,J.N. 9417
Vuorio,E. 9499
Vuorio,T. 9499

Wada,N. 1031
Wagner,E.F. 7194,7519
Wagner,G. 267
Wagner,R. 8235
Wagner,S. 9741
Wahli,W. 4737
Wainwright,B.J. 3639
Wajcman,H. 4553
Wake,R.G. 8501
Wake,S. 1921
Waksman,G. 1328,4360,7181
Walbot,V. 5823
Waldmann,R. 7209
Walker,J.R. 7663
Walker,P. 7429
Walker,R.J. 9239
Walker,R.T. 1763,2157,4111
Wallace,J.C. 7125
Wallace,R.B. 797
Walldorf,U. 3317
Wallenberg,J.C. 7849
Walter,M.A. 4697
Wang,A. 4065
Wang,C. 3196
Wang,C.C. 4065
Wang,H. 8399
Wang,J. 2851,10105
Wang,Q.-W. 4291
Wang,Q.-Z. 4291
Wang,S.-Z. 3935
Wang,Y. 4291
Wang,Y.-F. 8919
Wappenschmidt,C. 2396,2398, 2399,7658
Ward,D.C. 1835
Ward,E. 1799
Ward,E.S. 7195
Waring,M.J. 491,885,2221
Warmington,J.R. 8963
Warmoth,L.A. 5904
Warren,W. 3195
Wartell,R.M. 785
Wasmuth,J.J. 1345,1445, 3939,4617
Wassenaar,G.M. 6037,10133
Watanabe,C.K. 3581
Watanabe,M. 8107
Watanabe,T. 2851,10105
Waterbury,P.G. 3930
Watkins,P.C. 4696
Watson,J.M. 3180
Watson,R.A. 8511
Watts,D.I. 933
Watts,J.W. 3257,8693
Waye,J.S. 7547
Webb,M.L. 8547
Webb,T.R. 709,3997
Weber,U. 3947
Wei,A. 8569
Wei,S. 8119
Weil,D. 181
Weil,J.-H. 1377
Weil,P.A. 1493

Weinberger,C. 6765
Weiner,M. 380
Weinfeld,M. 10069
Weiss,M.J. 860
Weisshaar,B. 3943
Wek,R.C. 2137
Wells,D. 2871
Wells,R.D. 6957
Wemmer,D.E. 2563
Wendell,D.L. 9807
Wentworth,B.M 199
Weschke,W. 10065
West,A. 1350
Westaway,S.K. 9079
Westerveld,A. 9195
Westhafer,M.A. 631
Westin,G. 6787
Westley,B.R. 3773
Wettenhall,R.E.H. 1753
Weygand-Durasevic,I. 1887
Whalen,W. 9461
Wheelock,M.J. 2013
White,B.N. 5498
White,J.H.M. 5017
White,R. 2537,3845,9098,9619, 9620,9621,9622,9623,10072, 10073,10074,10075,10076, 10077,10078,10079,10080, 10606,10607,10608,10609, 10610,10611,10612,10613, 10614
White,S.A. 4049
White,T.C. 3275
Whittier,R.F. 2515
Whittington,H. 7991
Wiaderkiewicz,R. 7831
Wich,G. 4821
Wick,G. 2771
Wickner,R.B. 8439
Widera,G. 6740
Wiener,L. 3653
Wieringa,B. 378,3192,3193, 5502,8120
Wigboldus,J.D. 10064
Wijnen,J.Th. 9365
Wikman,F.P. 5787
Wilhelm,F.-X. 5478
Wilhelm,M.L. 5478
Wilkins,R.J. 3625,7200
Wilkinson,M.C. 9177
Willard,H.F. 1882,3194, 7547,9614
Wille,W. 8621
Williams,D.M. 9921
Williams,J.G. 7463
Williams,R.O. 10179
Williamson,R. 864,1363,1415, 3639,3940,5902,8122
Willmitzer,L. 3479
Wilson,A.C. 529
Wilson,C.C. 8577
Wilson,E.M. 4690
Wilson,G.G. 9781
Wilson,L. 2167
Wilson,L.J. 9163
Wilson,P.J. 8087
Wilson,R.H. 6293
Wilson,S.M. 3936
Wilson,T.M.A. 3257,8693
Wilson,V. 2823
Wilson,W.D. 105,3531, 4915,8511
Winans,S.C. 825
Wincker,P. 7395,8593
Winestock,K.D. 9057
Winter,B. 4989
Winter,J.A. 1543
Winter,P. 6310
Wintersberger,E. 741
Wintz,H. 10588
Wisniewski,H.M. 3191
Witherell,G.W. 8783
Wittig,B. 858,2779
Wittinghofer,A. 1878
Wobus,U. 10065
Woerner,A.M. 5749
Wohlrab,F. 6957
Wohn,K.-D. 2396
Wold,W.S.M. 9397
Wolf,C.R. 5901
Wolf,D.L. 10602
Wolf,S.F. 2911
Wolff,R. 2537
Wölfl,S. 858
Wollenzien,P.L. 9279
Woloschak,G.E. 7652
Wong,C.W. 6309
Wong,H.-H.A. 2737
Woo,S.L.C. 1459,5613,8399
Wood,C. 6296
Wood,E.A. 6469
Wood,S. 2784
Woodcock,J. 9945
Wool,I.G. 9451
Wooters,J.L. 2891
Woudt,L.P. 6037,10133
Wozniak,D.J. 2123
Wrischnik,L.A. 529
Wu,A.F. 4688
Wu,C.-W. 2279
Wu,F. 8367
Wu,J.-S. 1882
Wu,R. 611,4358,5913
Wu,T. 5913
Wu,T.T. 4688,6296
Wu,Y. 3191
Wüthrich,K. 267

Xia,Y. 6075,10063
Xiang,K. 7654,7655,9101
Xiao,G.-H. 5499,5500
Xiao,J.-H. 9612
Xodo,L.E. 5803
Xu,J.-F. 4291
Xu,Y.-Z. 4291

Yamada,E. 3761
Yamada,T. 6309
Yamaguchi,K. 3917
Yamaguchi,M. 4889
Yamakawa,K. 7659
Yamamoto,M. 6294
Yamamoto,N. 6302
Yamanaka,M.K. 3335
Yamane,M. 4179
Yamawaki-Kataoka,Y. 5885
Yan,Y.L. 67
Yanagida,M. 4481,4705,9727
Yanagisawa,K. 1097
Yang,H.-L. 10068
Yang,Z.-W. 4291
Yanofsky,C. 5339
Yanofsky,M.F. 7503
Yarus,M. 4669
Yates,J.R.W. 3977
Yen,T.S.B. 8919
Yeramian,P. 1869
Yeung,A.T. 4957
Yokota,T. 333
Yoneda,K. 6419
Yoo,D. 6299
Yoo,O.J. 4987,10045
Yoo,S.H. 4987,10045
Yoshida,M. 2261
Yoshida,S. 1185
Yoshihara,C.M. 753
Yoshikura,H. 2043
Yoshioka,K. 6309
Young,M.W. 7193
Young,N.D. 9339
Youssoufian,H. 6312
Ypma-Wong,M.F. 2069
Yu,Y. 7206
Yusoff,K. 3961

Zacharias,M. 8235
Zachau,H.G. 1,4877,9567, 9655,9667
Zajchowski,D.A. 509
Zakrzewska,K. 5775
Zalenskaya,K. 8521
Zaritsky,A. 1876
Zarling,D.A. 6063
Zarucki-Schulz,T. 3595
Zauchau,H.G. 9667
Zelnick,C.R. 10437
Zenke,M. 2445,4593
Zerial,A. 9909
Zerial,M. 3009
Zhang,C.X. 2707
Zhang,D.-E. 9325
Zhang,J.-Y. 987
Zhang,K. 3369

Zhang,M. 1271
Zhang,X.-Y. 9429
Zhou,D.-X. 3621
Zhou,K. 5261
Zhu,Y.F. 1877
Zieger,M. 3919
Zielinski,W.S. 1699
Zillig,W. 5581
Zimarino,V. 8149
Zimmer,F.-J. 9655
Zivanc.vic,Y. 2803
Zon,G.L. 105,3531,4915,5749
Zopf,D. 6745
Zuckermann,R. 5305
Zunec,R. 5902
Zuo,E.T. 105

Subject index

2-Acetylaminofluorene,
frameshift mutation induction, DNA base displacement 6539
***Acinetobacter lwoffi*,**
restriction endonucleases, type II 7201
Actin,
genes, *Schizosaccharomyces pombe*, nucleotide sequence/transcription 7369
β-Actin,
genes, 5′ flanking region, nucleotide sequence, human 9095
γ-Actin,
mouse, processed pseudogenes, inserted elements/molecular analysis 3291
***Actinia equina*,**
rRNA 5S, nucleotide sequence 2773
Actinomycin D,
molecules of sequence (AT)nAGCT(AT)n, transition of AT domains to DNase I detectable alternating structure 839
Adenine photoproduct,
dimeric, isolation, characterization, u.v.-irradiated deoxyadenylates 1199
Adenosine deaminase,
genes, homozygous deletion, association-immune deficiency, human 9365
mRNA, expression, regulation, HL-60 cells differentiation 6575
Adenosine-5′-polyphosphates,
water-soluble carbodiimide/action 3573
P^1, P^4-bis(5′-adenosyl)tetraphosphate,
analogues, synthesis/characterization 6991
Adenoviruses,
early E1a promoters, binding g specific cellular proteins 509
promotors, binding, TATA sequence 8367
region E3, premRNA, alternative processing 9397
Adenovirus 2,
enhancer, cellular protein/binding to a conserved sequence 2719
promotors, interaction-transcription factors 7761
protein IX promoters, activation, DNA replication in transient expression assay 2235
VA I genes, transcription efficiency, analysis 8293
Adenylate kinase,
Saccharomyces cerevisiae, cDNA, sequence 7187
Adenylyl-(2′-5′)-P-thioadenylyl-(2′-5′)-adenosine,
diastereomers/5′-phosphorylated derivatives, preparation 9933
ADP glucose synthetase,
Escherichia coli, allosteric mutant, amino acid sequence 10603
African Burkitt's lymphomas,
translocation, RFLPs, p380-8A 1.8 SaSs, 8q24 5′ of *c-myc* gene 865
***Agrobacterium*,**
plasmids, pTiA6, *VirE* operon, characterization 825
T-cyt genes, plant expression signals 8267
T-cyt genes, transcription, TATA box mutations effects on 8283
***Agrobacterium tumefaciens*,**
DNA, insertion elements, nucleotide sequence, homology-*Pseudomonas savastanoi* 10591
DNA, T-region transfer, stimulation-overdrive 8983
plasmid Ti, *virD* operon, characterization 7503
Alcohol dehydrogenase,
genes, *Drosophila*, chromatin structure/role-*cis*-acting elements 7903
Aldehyde dehydrogenase,
human mitochondrial, cDNA, isolation/sequence analysis 3179
Aldolase A,
cDNA, sequence, mouse brain 10595
Alkaline phosphatase,
genes, promoter structure, human intestine 10599
genes, RFLPs, human placenta 9104
Alzheimer's disease,
amyloid beta protein, cDNA, *Hind*III polymorphism 6309
amyloid beta protein genes, RFLPs 9103
(2-chloroethyl)amines,
sequence selective alkylation-DNA guanine-N7 positions, mechanism 10531
9-Aminoacridine,
derivatives, DNA unwinding/topoisomerase I inhibition 6713
4-Aminobiphenyl,
poly (dG-dC) circular dichroism modification 7125
Aminoglycoside 3′-phosphotransferase,
genes, *Escherichia coli*, nucleotide sequence 8111
5-Aminolevulinate synthase,
cDNA, sequence, human 8563
α-Amylase,
glucose repressible, *Drosophila*, genes, nucleotide sequence 7184
Amyloid beta protein,
cDNA, *Hind*III polymorphism, Alzheimer's disease 6309
genes, RFLPs, Alzheimer's disease, human 9103
***Anacystis nidulans*,**
strain R2, phycocyanin β-subunit genes, nucleotide sequence 2394
Antibiotic resistance,
genes, plasmid R46, nucleotide sequence, comparison-IncW plasmids/Tn21-like transposons 7491
α-1-Antitrypsin,
genes, human, expression, mice 7519
genes, tissue-specific expression, control, human 8399
Antitumor drug,
cc-1065, covalent building/DNA, sequence specificity, theoretical study 5775
Antiviral agents,
5-bromovinyl-2′-deoxyuridine, conformations/correlation, X-ray study 4111
Apocytochrome *f*,
genes, *Vicia faba* chloroplast genome, sequence 2391
Apolipoprotein CII,
genes, RFLPs, 19cen−19q13.2, human 6769
***Artemia*,**
histone genes, flanking regions, RNA 5S genes, nucleotide sequence 3628

intergenic spacer, early development and evolution, multiple spacer rRNA gene promoters, *in vivo* transcription 5391
rRNA genes, transcription, initiation site 6007
Artiodactyls,
novel Alu-type repeat 1340
***Ascaris lumbricoides*,**
rDNA, intervening sequences 7689
rDNA, transcription initiation site/flanking sequences 6515
***Aspergillus nidulans*,**
DNA, *ans*1 fragment, nucleotide sequence/mapping 9163
QUTA genes, isolation/characterization 7991
ATP,
DNA polymerase α, calf thymus, stimulation 2269
ATPase,
subunit 6, genes, nucleotide sequence, *Oenothera* 9092
F_1ATPase,
genes, β-/ϵ−subunit, chloroplasts, sweet potato 7177
Autographa californica nuclear polyhedrosis virus, polyhedrin genes, promoter, analysis 10233
Avian erythroblastosis virus,
genome, nucleotide sequence 9612
Avian retroviruses,
evolution, RAV-1, long terminal repeat, nucleotide sequence 2393

***Bacillus*,**
phage Nf terminal protein genes, nucleotide sequence 5251
***Bacillus caldotenax*,**
3-isopropylmalate dehydrogenase genes, nucleotide sequence 853
*lct*B genes, sequence 1331
***Bacillus cereus*,**
strains 569/H and 5/B, β-lactamase I genes, nucleotide sequence 1877
***Bacillus licheniformis*,**
B-lactamase repressor, purification/DNA binding 6049
***Bacillus megaterium*,**
genes, nucleotide sequence, homology/*dna*K, *Escherichia coli* 3923
***Bacillus polymyxa*,**
βamylase genes, active fragment, sequence 3934
***Bacillus sphaericus*,**
restriction endonucleases BspXI, BspXII 3919
strain 2362, 41.9 kd toxin genes, identification, nucleotide sequence 5891
***Bacillus stearothermophilis*,**
*lct*B genes, sequence 1331
***Bacillus subtilis*,**
3-isopropylmalate dehydrogenase genes, nucleotide sequence 4899
bacteriophage SPR, coding for DNA methyltransferase/triple sequence specificity 3689
chromosomes, replication terminus, nucleotide sequence 8501
genes, synonymous codon usage 8023
levanase genes, fragment, nucleotide sequence 9606
plasmids, DNA 6349
***Bacillus thuringiensis*,**
var. israelensis, endotoxins, genes, nucleotide sequence 7195
var. morrisoni strain PG14, genes, 27kd crystal protein, nucleotide sequence 3619
var. tenebrionis, insecticidal protein, genes, nucleotide sequence 7183
Bacteria,
genomes, pulsed field mapping, restriction endonucleases 5985
Bacterial gpt activity,
transfected mammalian cells, rapid and sensitive assay system 4992
Bacteriophages,
D108, cloning/characterization 6691
f1, miniphages 7190
fr, genes, A-protein/coat protein, sequence 6741
M13, DNA fragments, size and orientation, S1 nuclease mapping 372
M13, *Escherichia coli* K-12poly-CA/TG tandem repeats, short frameshifts, high frequencies 5323
mu, genome, interaction-proteins A/B 8831
PRD1, DNA terminal protein, primary structure 8999
SP6, RNA polymerase, cloned gene, nucleotide sequence, expression 2653
SPR, *Bacillus subtilis*, coding for DNA methyltransferase/triple sequence specificity 3689
T4, (g42), deoxycytidylate hydroxymethylase genes, nucleotide sequence, homology of gene product 3920
T4, DNA ligase, oligonucleotides ligation, AP sites/mispaired bases 8755
T5, DNA fragment/distal part of tRNA gene region, nucleotide sequence 5480
T7, A3t RNA, *Escherichia coli* RNase III, structure of secondary cleavage sites 431
T7, gene 1, ribosomal binding site/efficiency 4931
T7, late promoters, construction, point mutations, characterization/*in vitro* transcription properties 5413
T7, RNA polymerase, active site, labelling 8773
λ, DNA terminase, control of synthesis 119
λ, DNA, minipreps 6737
λ, generation of concatemers, use as pulsed field electrophoresis size markers 3930
λ, lysates, preparation 6298
λ, cDNA library, nitrocellulose filter lifts, processing, rapid method 10592
γ, t_0 terminator, cloning cartridge 3185
ϕ-29, protein p4, purification 7781
ϕ-29, RNA, DNA packaging machine, characterization 7081
***Bacteroides nodosus*,**
pilin, genes, nucleotide sequence 7189
N-Benzoylimidazole,
ribonucleotides, reaction mechanism 4291
Benzo[a]pyrene,
pyrenofuran analogues, reactivity-DNA 9487

Benzo[e]pyrene,
pyrenofuran analogues, reactivity-DNA 9487
Bioluminescence,
lux genes, *Vibrio fischeri*, regulatory locus, nucleotide sequence 10455
Blood,
DNA, purification, rapid method 9611
***Bombyx mori*,**
actin genes, coding region, nucleotide sequence 2781
rDNA, structure, transcription/initiation site 1245
***Bordetella*,**
improved transformation 856
Bovine papillomavirus type 1,
E1 genes, mRNA, infected bovine fibroblasts 8607
genome, long control region, *cis*-active elements 10267
Bovine rotavirus C486,
gene 4 cDNA, complete nucleotide sequence 4361
***Bradyrhizobium japonicum*,**
*nif*A genes, transcription 8479
nifS genes, promoter, mapping/nucleotide sequence 9598
***Brassica campestris*,**
mitochondrial genome, mitochondrial-specific transcription 5141
seeds, acyl carrier protein, cDNA, nucleotide sequence 7197
***Brevibacterium lactofermentum*,**
homoserine kinase (*thr*B) genes, nucleotide sequence 3922
*thr*A genes, nucleotide sequence 10598
Burkitt lymphoma,
t(8;22) translocation, non-rearranged c-*myc*, clustered somatic mutations 4553
Butyrate,
metallothionein genes/selective activation, teratocarcinoma cells, induction of hypersensitivity to metal induction 5461

***C-myc*,**
genes, characterization, rat 6419
***Caenorhabditis elegans*,**
heat shock genes, mouse, intron-containing, expression, divergence of 3′ splice site recognition sequences 3723
lin-12, physical and genetic maps/correlation 2295
transposable element Tc1 10050
transposon Tc1, somatic excision 6875
***Candida albicans*,**
chromosomal variations 3625
Carbonic anhydrase I,
cDNA, human 2386
Cathepsin D,
mRNA levels, regulation by oestrogen, breast cancer cells 3773
***Caulobacter crescentus*,**
rRNA 5S, sequence 9597
***Cephalosporium acremonium*,**
rRNA 5.8S genes, nucleotide sequence 9599
Chicken,
histone H3.3B, cDNA, sequence 6294
***Chironomus thummi*,**
globin VIIB subfamily, intronless genes, nucleotide sequence 5494
***Chlamydia trachomatis*,**
plasmids, pCTT1, dnaB-like proteins, genes 10596
Chloramphenicol acetyltransferase,
gene expression, rapid radiolabel-sparing t.l.c. 10069
genes, stimulation-phorbol 12-myristate 13-acetate, cell lines 9043
***Chlorella*,**
restriction endonucleases, *Cvi*JI, induction, IL-3A virus infection 6075
Chlorophyll *a/b*,
binding protein, cDNA nucleotide sequence, *Zea mays* 6302
Chloroplasts,
Euglena gracilis, DNA 7809
ribosomal protein L36 genes, nucleotide sequence, pea 9080
tRNA, population adjustment, codon usage 1377
soybean, DNA, *rps* 12/*rps* 7 genes, complete sequence 2387
sweet potato, F_1ATPase β-/ϵ−subunit genes 7177
Chromatin,
association, DNA binding properties, proto-oncogenes, c-*fos* 277
core particles, low-salt transition, reversibility 6655
β-globin, solubility, enhancement-histone hyperacetylation, chicken erythrocytes 9325
non-neuronal, atypical nucleosome spacing/rat neuronal identifier elements 3563
structure 8087
Chromosome 3,
DNA, alphoid, isolation/characterization, human 8561
Saccharomyces cerevisiae, polymorphisms, association-Ty transposition/recombination 8963
Chromosome 5,
RFLPs, D5S1 6767
RFLPs, pBR322, D5S4 6762
Chromosome 7,
epidermal growth factor receptor, RFLPs 6764
human, *mdr*2, associated RFLPs 6305
Chromosome 10,
human, glutamate dehydrogenase genes, *Taq*I polymorphism 6308
Chromosome 11,
mouse, homeobox-containing genes 6773
Chromosomes,
4, human, isolation, DNA, polymorphic fragments 1445
Adh^{nl}, *Drosophila melanogaster*, nonsense mutation 3931
Bacillus subtilis, replication terminus, nucleotide sequence 8501
DNA structure, computer modelling 8531
eukaryotic, triplex DNA. monoclonal antibodies, binding 1047
human X, Xq27.3, mapping/DNA markers close to fragile site 2639

human, restriction fragment map, progress towards construction 1363
maize plastid, transcription termination region/two convergently-transcribed photoregulated operons 5493
protein HMG-17, cDNA sequence, chicken 6750
X, mouse, DNA repeat, translocation, amplification 4393
X/Y, human, homologous sequences, evolution 6261
Y, human, locus near testis determining factor, isolation 6159
Y, mouse, RNA transcript, testis, molecular cloning, sequence analysis 2959
Y, novel DNA sequence, human 8713
Y, tesis determinants, mapping, human 7325
yeast, preparation, pulse field gel electrophoresis 6739
Cis-diamminedichloroplatinum(II),
ternary complexes, characterization, EtBr/nucleic acids 1779
Citrus exocortis viroid,
sequence, grapevine closely related to severe isolates 4203
***Clostridium pasteurianum*,**
nitrogenase MoFe protein, α-subunit, *nifD*, nucleotide/deduced amino acid sequences 3935
Clotting factor IX,
propeptide region, vitamin K-dependent carboxylase signal 9505
Codon Adaptation Index,
measure of directional synonymous codon usage bias, potential applications 1281
Collagen,
genes, translation 8935
Collagen proα2(V),
genes, evolutionary relationship/fibrillar-forming collagens 181
***Corynebacterium glutamicum*,**
meso-diaminopimelate D-dehydrogenase gene , nucleotide sequence 3917
Cosmids,
mapping, gonadotropin β subunit genes, field inversion gel electrophoresis 4437
rapid identification, containing rare restriction sites 1415
Crithidia fasciculata,
mitochondria, maxicircle DNA, nucleotide sequence 51
monogenetic kinetoplastid protozoan, transcriptionally active multicopy mini-exon sequence 3141
αA Crystallin,
genes, nucleotide sequence, mole rat 9093
Cucumber mosaic virus,
satellite RNA, RNase H cleavage 10048
2′,3′-cyclic nucleotide3′-phosphohydrolase,
bovine retina, nucleotide sequence 7204
Cystic fibrosis,
cosmids, physical/genetic analysis 3639
Pseudomonas aeruginosa infection, *algD* genes, transcriptional regulation, nucleotide sequence 4567
Cytochrome *c* oxidase,
pseudogenes, rat, homology, *urvB* genes, *Escherichia coli* 6748
Cytochrome p450c,
genes, xenobiotic responsive elements upstream/characterization, similarity/glucocorticoid regulatory elements 4179
Cytochrome p450e,
genes, 5′ flanking sequence, rat liver 6755
Cytomegalovirus,
immediate early gene promoters, *Drosophila melanogaster*, cultured cells 2392

Decadeoxynucleotides,
synthesis, interaction/restriction endonucleases, minor-groove-modified oligonucleotides 3059
Decadeoxyribonucleotides,
N^6-methyladenine, N^4-methylcytosine, 5-methylcytosine, synthesis, recognition/cleavage. restriction endonucleases 219
Deoxycytidylyl-deoxyribonucleoside phosphates,
^{1}H and ^{31}P n.m.r. data 361
2′deoxy-3,7-dideazadenosine,
synthesis/n.m.r. 7208
***Dictyostelium*,**
ribosomal protein genes, nucleotide sequence/ characterization 10285
mRNA, DIF inducible, genes, structure/ function 7463
wild isolate, plasmids, new type, closely situated long inverted repeats 1097
***Dictyostelium discoideum*,**
promoter analysis, vectors 9610
UDP glucose pyrophosphorylase genes, structure/ expression 3891
***Didymium iridis*,**
DNA, telomeric sequence, identification 9143
Dihydrofolate reductase,
genes, *Saccharomyces cerevisiae*, characterization 10355
Dihydropteridine reductase,
cDNA, characterization of clone, use in analysis of patients with deficiency 1921
Sp-dinucleoside phosphorothioates,
stereoselective synthesis 9921
DNA,
abasic site, conformation 8003
2-acetylaminofluorene frameshift mutation, base displacement 6539
adenovirus 2,5-bromodeoxycytidine incorporation, interference-nuclear factor I binding 7223
aggregation, analogs of spermidine/enzymatic and structural studies 2563
Agrobacterium tumefaciens, T-region transfer, stimulation-overdrive 8983
alphoid, isolation/characterization, chromosome 3, human 8561
altered helical conformation, SV40 termination region 5433
antitumor drug cc-1065, covalent building, sequence specificity, theoretical study 5775

Aspergillus nidulans, *ans*1 fragment, nucleotide sequence/mapping 9163
attached to submicron latex particles, rapid hybridization kinetics 2911
automated sequencing, ultrasensitive detection of fluorescent bands during electrophoresis 4593
Awl fragment, maize, transcription changes, correlation-toxin resistance/fertility reversion 6091
bacterial chromosomal, rapid biochemical method/purification, high mol. wt., restriction enzyme analysis 3631
bacteriophage λ, minipreps 6737
bending, monitoring, plasmid vectors 10060
bends, helical phasing/direction determination 9771
bent fragment, 2-D n.m.r. investigation, proton resonances, structure analysis 5845
bent segments, *Escherichia coli*, characterization 6827
binding drug/berenil, crystal structure, molecular modelling studies 3469
binding protein, sequence specificity, *Xenopus laevis* mitochondrial DNA, replication origin 477
blood, purification, rapid method 9611
cellular and chromosome specific, high molecular weight, method for isolation in solution without us of organic solvents 859
cellular/synthetic, poly(dA).poly(dT), B′-conformation 6063
cleavage/photocrosslinking/sequence-specific recognition, oligo-[α]-thymidylate azidoproflavine derivative 7749
cloned, bidirectional sequencing 9461
complexes, polyaromatic molecules, selective base pair proton exchange 8511
cruciforms/B−Z junctions, bromoacetaldehyde probe specificity 6917
curved fragments, gel migration, temperature/salt dependence 247
detection, RNA preparations, fluorometric staining 10589
Didymium iridis/*Physarum polycephalum*, telomeric sequence, identification 9143
Duchenne muscular dystrophy, deleted sequence (HIP25)isolation 2167
duplex, homologous recombination intermediates/ catalysis by human cell extracts 5643
duplex, selective methylation, DNA (cytosine-5) methyltransferase, human 6899
embryonal carcinoma cells/somatic tissues/sperm, hypermethylation/hypomethylation 9429
Epstein−Barr virus/mitochondria, size heterogeneity, Raji cells 10345
ethanol precipitation/drying, denaturation 8739
Euglena gracilis, chloroplast 7809
eukaryotes, mini-preparation 8118
eukaryotic, computer analysis, highly recurring sequence elements, homology to regulatory sequences/protein building sites 1835
extrachromosomal *Sau*3A family, recombination 7477
fidelity of replication, herpes DNA polymerase, associated exonuclease 1185
figwort mosaic virus, nucleotide sequence 8451
fingerprinting, human 7193
genome, cloning-pJB8, end-fragment assignment 10057
globin gene, low, novel Alu-type repeat 1340
guanine-N7 positions, sequence selective alkylation, nitrogen mustards, mechanism 10531
HPV-18, integration-HeLa cells 10068
human c-*sis* proto-oncogenes, upstream, nucleotide sequences 4349
human, hypervariable lengths, satellite III sequence, 3.4 kb Y-specific fragment 3929
human, PFGE, 5-azacytidine/improved restriction 3183
hybridization, S1 nuclease mapping, temperature determination 6754
identification of fragments, RFLPs, short arm/chromosome 5 4617
immobilization, oligonucleotides containing aldehyde or carboxylic acid group/5′ terminus 2891
in solution, helical repeat, V curve method 2803
inserted two bases down from initiation site/polymerase SP6 transcription vector, transcription *in vitro* 1337
insertion elements, *Agrobacterium tumefaciens*/*Pseudomonas savastanoi*, nucleotide sequence homology 10591
interaction-proteins, role-thymine methyls 9975
interaction-tetra-(4-*N*-methylpyridyl)porphin, molecular modelling 6553
L1Md elements, mouse 8593
labeling and colorimetric detection, novel biotinylated nucleotide 4513
large, improved method for separation, field inversion gel electrophoresis/vertical slabs 3634
ligand interactions, oligodeoxynucleotides, ^{15}N labelling, NMR 6225
linear chains, orientation, pulsed-field gel electrophoresis 10031
maxicircle, mitochondria, *Crithidia fasciculata*, nucleotide sequence 51
methylation pattern, restriction endonuclease accessibility, germline specific genes, rainbow trout protamine, chromatin 3385
methylation, hereditary persistence/fetal haemoglobin HPFH-2 5169
5-methylcytosine residues/identification, sequencing reagent/permanganate 5517
Mu C operon, sequence 7198
MuLV proviruses, long terminal repeats, nucleotide sequence/function, mouse 7640
nucleotide sequencing, adenine-specific reaction 7823
oligonucleotide templates, RNA synthesis 6705
orientation, avidin-ferritin biotin end labelling 947
Oryza sativa, homology, rRNA 5S/tRNA 5913
Oxytricha, telomeres, coherence 8877
partial sequence, *fix*ABC, *nif*A, *nif*B genes, plasmids, pRL6JI, *Rhizobium leguminosarum* 31
pea chloroplast, ribosomal protein S11, genes, nucleotide sequence 1873

pea chloroplast, sequences, genes rps14, trnfM, trnG-GCC, trnP-UGG, trnW-CCA 3630
photolyase, *Escherichia coli*, binding to defined substrate containing single T<>T dimer 1109
photolyase, pyrimidine dimer endonucleases, alkali hydrolysis, analysis of aberrant ABC excinuclease incisions, u.v.-induced DNA photoproducts 1227
plasmid R64, multi-inversion, Shufflon, creation of 7 open reading frames 1165
plasmids, *Bacillus subtilis* 6349
polymerase chain reaction 9094
polymorphic fragments, isolation, human chromosome 4 1445
polyoma-related plasmids, L factor, maintenance 8815
prokaryotic/eukaryotic, supercoiling, changes in response/topological perturbations, plasmids, nuclei and CV-1 cells 5105
rat, repetitive sequences 8107
reactivity-benzo[a]pyrene/benzo[e]pyrene pyrenofuran analogues 9487
recombination, *Xenopus laevis* oocytes, short homologous overlaps 971
repair, human promyelocytic cell line HL-60 3503
repeat, mouse X-chromosome, translocation, amplification 4393
replication in transient expression assay, activation/adenovirus 2 protein IX promoters 2235
replication/inhibition, repair/cadmium, mammalian cells, protective interaction of zinc 4211
resolution, CHEF gel electrophoresis 7865
restriction fragments, melting profiles, nucleotide substitution effects on 6665
retrovirus-like sequences, isolation, HeLa cell genomic library 9153
rice chloroplast genome, heterogeneous, isolation of *Hin*dIII fragments 611
S-phase-synthesized, characterization, human 10211
Saccharomyces cerevisiae, ORF2, nucleotide sequence 9079
satellite-associated sequence, *Drosophila* 10061
separation, crossed field gel electrophoresis, model 5925
sequence preferences, intercalators, porphyrin compound, footprinting 2221
sequences, cloned, human, comprehensive [illegible] r1
single transfer, duplicate hybridization 4355
single-stranded template, preparation 10047
single-stranded, cleavage/plasmids, pT181-encoded RepC protein 4085
site-specific binding, nuclear factor I, effect of spacer region 5545
Southern hybridization, modifications, human 7200
soybean chloroplasts, *rps* 12/*rps* 7 genes, complete sequence 2387
stable cruciform, gel migration, temperature and salt dependence, comparisons with curved DNA 5765
strand cleavage, methylene blue photosensitized 7411
streptococcal plasmid pLS1, conversion of single stranded to double stranded/initiation signals 5561
structure, computer modelling, chromosomes 8531
supercoiled, B–Z transition, thermodynamics 5863
supercoiled, cruciforms formation, mechanism 9641
supercoiled, yeast regulatory sequences, non-B conformation 4467
superhelical, conformation transitions, effects of tertiary structure restraints 9985
SV40, bleomycin cleavage 6315
SV40, u.v. irradiation, alkali-sensitive sites, characterization 8861
synthesis arrest sites, right terminus/rat LINE or L1Rn DNA family members 3155
telomeres, *Tetrahymena*, structure 6273
thermal untwisting, yeast nucleosomes 10311
tomato apical stunt viroid, nucleotide sequence 10597
transcriptionally active amplified sequences, detection 8113
transfection, mammalian cells, electroporation 1311
transient formation of strand breaks, induced differentiation/human promyelocytic leukaemic cell line HL-60 3493
trp repressor-operator interaction/analysis, filter binding assay 5339
unwinding, 9-aminoacridine derivatives 6713
upstream sequences, effect of deletion, *ilvGp2* promoter, *ilvGMEDA* operon, *Escherichia coli* K-12 1521
viruses, extraction/hybridization assays, pathology specimens 8565
Xenopus laevis, repetitive sequences, organization/transcription 9551
Xenopus laevis, tRNA genes, tandem repeat, sequence 7191
5′ extensions, type II restriction endonucleases, improved cloning selectivity, cross index 3199

DNA (cytosine-5)methyltransferase,
DNA duplex selective, human 6899

DNA duplexes,
^{13}C n.m.r. spectrum, ^{1}H-detected two-dimensional heteronuclear correlation spectroscopy 267

DNA 'fingerprints',
mouse, recombinant inbred strains, hypervariable loci, chromosome localization/germline stability 2823

DNA glycosylase,
Micrococcus luteus 6607

DNA glycosylase I,
3-methyladenine, *Escherichia coli*, purification/characterization 2787

DNA hybridization,
probes, size control 6295
use of NaOH as transfer solution onto nylon membrane, decreased efficiency 857

DNA ligase,
bacteriophage T4, oligonucleotides ligation, AP sites/mispaired bases 8755
mismatch/blunt to protruding-end joining 7831

DNA markers,
mapping, human X chromosomes, Xq27.3, close to fragile site 2639

DNA methyltransferase,
genes, *Chlorella* virus NC-1A, cloning/characterization 9807

mammalian, supercoiling-dependent sequence specificity 3835
DNA polymerases,
fowlpoxvirus, gene identification/sequence 6563
genes, herpes simplex virus, recombinational hotspots 7647
herpes, associated exonuclease, DNA, fidelity of replication 1185
plasmids pGKL1, *Kluyveromyces lactis* 9088
S1 plasmid specific, mitochondria, maize 6758
substrate specificity, enzyme-catalysed incorporation, 5-(1-alkenyl)-2′-deoxyuridines/DNA 1763
substrates, template-primer analogs 3997
DNA polymerase I,
Saccharomyces cerevisiae, regulation in mitosis/meiosis, induction after DNA damage 5017
DNA polymerase III,
Escherichia coli, relationship-*dnaX* genes 7663
DNA polymerase α,
calf thymus, stimulation/ATP 2269
inhibition-β-lactam antibiotics, eukaryotic cells 10495
primase-devoid, *Xenopus laevis*, characterization 10249
replication competent holenzyme form, calf thymus 4789
DNA polymerase δ,
activity, regulation-proliferating cell nuclear antigen 9299
DNA repair,
double-strand breaks, promotion, nuclear extracts 6813
ERCC-1 genes, characterization, human 9195
Escherichia coli, mismatches 8205
metallothionein genes, Chinese hamster ovary cells 10021
DNA replication,
inhibition-β-lactam antibiotics, eukaryotic cells 10495
simian virus 40, initiation, *in vitro* 7877
DNA sequences,
CpG, TpA, frequencies in plant system 5729
deletion, eight of nine families/X-linked ichthyosis 3977
homology, human kappa deleting element/mouse recombining segment 2699
human, cloned, comprehensive list r1
interspersed repetitive DNA element, miniature swine, identification 2780
LINE-1, mammalian orders, prediction of proteins/conservation of homology/retrovirus proteins 2251
midisatellite, human, characterization 2537
new moderately repetitive family, novel organization 2327
novel GC-rich dispersed repeat sequence, *Drosophila melanogaster* 4035
nuclear, *Nicotiana*, homology to 5′ half of $tRNA^{tyr}$/derivation 5477
plasmids, refractory GC rich regions 2779
preparation of M13 templates, dideoxy sequencing/manual and automated 5507
pseudogenes, human C-reactive protein 5895
rice chloroplast genome, heterogeneous 611
68-K serum albumin genes, *Xenopus laevis*, first exon, 5′ flanking region 5889
synthetic, conformational transitions, inserted bases 3877
typical ribosomal gene spacers, *Xenopus laevis*, *Xenopus borealis* 3623
DNA SV40,
minichromosomes, flexibility/topology 3703
negatively supercoiled, anti-Z-DNA antibodies/binding 1661
replication *in vivo*, VM26 (teniposide)/effects 3455
replication, substitution/c-*myc* protein for SV40 T antigen 4889
DNA synthesis,
plasmid R1162, initiation sites 8319
DNA terminase,
bacteriophage λ, control of synthesis 119
DNA topoisomerase I,
genes, *Schizosaccharomyces pombe*, cloning/sequencing/disruption 9727
DNase I,
$^{5'}d(ATCGTACGAT)_2^{3'}$ digestion, properties 9417
A-DNA,
fragment, structure 9531
B-DNA,
Z-DNA, comparison of reactivity/2-N,N-acetoxy-acetylaminofluorene, 3-N, N-acetoxyacetylamino-4, 6-dimethyldipyrido [1, 2-a:3′, 2′-d]imidazole 5629
inosine.adenosine base pairs 7935
B−Z transition, thermodynamics 5863
cDNA,
acyl carrier protein, *Brassica campestris* seeds, nucleotide sequence 7197
adenylate kinase, *Saccharomyces cerevisiae*, sequence 7187
aldehyde dehydrogenase, human mitochondrial, isolation/sequence analysis 3179
aldolase A, sequence, mouse brain 10595
5-aminolevulinate synthase, sequence, human 8563
bovine pancreatic phospholipase A_2, sequence 3178
bovine rotavirus C486 gene 4, complete nucleotide sequence 4361
carbonic anhydrase I, human 2386
carbonic anhydrase II, human liver, nucleotide sequence 4687
characterization of sequences, HMG-1 mRNA species/CHO Chinese hamster cells 5051
chicken avidin, molecular cloning 3595
chlorophyll *a/b* binding protein, *Zea mays*, nucleotide sequence 6302
clone 12, rho, human, nucleotide sequence 1869
clone, pathogenesis-related proteins, tobacco mosaic virus infected tobacco plants 4449
clone, sea urchin histone H2A, related to H2A.F/Z histone protein/vertebrates 4629
clones, NCAM, analysis, mouse 8621
cloning strategy, simplified orientation-specific 3629
cloning, λgt22 vectors 6304
γgt10, determination of vector: insert junctions, γ*imm*434 *Hin*dIII-*Eco*RI DNA fragment/nucleotide sequence 3181

dihydropteridine reductase, characterization of clone, use in analysis of patients with deficiency 1921
factor IX, haemophilia B, transgenic mice 871
glucocorticoid receptor, cloning/sequence, rat prostate 9603
glutamine synthetase, human, sequence 6293
glutathione peroxidase, human 7178
granulocyte–macrophage colony stimulating factor, sequence, relationship-mRNA 10584
growth hormone, human 6331
histone H3.3B, chicken, sequence 6294
HMG1, nucleotide sequence, rat liver 9077
human glutathione peroxidase, sequence, TGA encodes active site selenocysteine 5484
human, amyloid beta protein, *Hin*dIII polymorphism, Alzheimer's disease 6309
17β-hydroxysteroid VDP-glucuronosyltransferase, rat liver, nucleotide/deduced amino acid sequence 3936
hypoxanthine-guanine phosphoribosyltransferase, *Plasmodium falciparum*, characterization/comparison 10469
keratin19, sequence, human 10058
leghaemoglobin I, *Lupinus luteus*, nucleotide sequence 6742
leghemoglobin III, *Medicago sativa*, nucleotide sequence 3620
lipocortin I, rat 7637
luteinizing hormone β subunit, nucleotide sequence/homology, dog 10602
β2-microglobulin, nucleotide sequence, rat 7638
murine CSF-1, nucleotide sequence 2389
murine, homologous to yeast L29 ribosomal protein gene, isolation, characterization 1019
myeloperoxidase, human, characterization of clones, predicted amino acid sequence, evidence for multiple mRNA species 2013
phosphc]amban, sequence, heart, dog 6738
preproparathyroid hormone, nucleotide sequence, pig/rat 6740
profilin, *Saccharomyces cerevisiae* 9078
protamine 1, nucleotide sequence, human 7639
protein HMG-17, sequence, chicken 6750
pTOM5, ripening-related, tomato, sequence 10587
rat estrogen receptor, molecular cloning/characterization 2499
rat uroporphyrinogen decarboxylase, nucleotide sequence, comparison to human 5487
rbcS genes, *Mesembryanthemum crystallinum*, nucleotide sequence 6301
ribosomal protein, *Schizosaccharomyces pombe*, sequence 9089
ribulose 1,5-bisphosphate carboxylase/oxygenase, *Flaveria trinervia*, sequence 1875
ribulose-1,5-bisphosphate carboxylase/oxygenase, *Helianthus annuus*, nucleotide sequence 1328
rp21C, *Drosophila* 10064
sequence, Cu-Zn superoxide dismutase, *Drosophila* 5483
sequence, snake venom phospholipase A2 5892
soybean nodulins, sharing structural domains, differing subcellular locations 1271
specific RNA species, full length, cloning, selective 3987
superoxide dismutase, rat 6746
superoxide dismutase, sequence, human 9076
superoxide dismutase, nucleotide sequence, rat 10070
synaptophysin, human/rat 9607
T-cell receptor γ-chain genes, human, nucleotide sequence 10059
thyroid hormone receptor, nucleotide sequence, human 9613
thyroid peroxidase, nucleotide sequence, human 6735
tomato, biotin-binding protein 3928
tyrosine hydroxylase type 3-encoding clone, isolation 6733
U1-70K snRNP, isolation/analysis, human 10373
uroporphyrinogen decarboxylase, nucleotide sequence/comparison-human enzyme, rat 7211
wheat E_m protein, nucleotide sequence 3607
yeast ubiquitin 1/human homologue 5485

cDNA clones,
human myosin light chains 1 and 3, complete nucleotide sequences 4989
overlapping α-tubulin, primary structures 199

cDNA library,
bacteriophage λ, nitrocellulose filter lifts, processing, rapid method 10592

mtDNA,
human, length mutations, direct sequencing 529
Tetrahymena pyriformis, tandemly repeated 31bp sequence 855

murine cDNA,
NIH3T3 cells, major ras induced protein/cathepsin L 3186

rDNA,
Ascaris lumbricoides, transcription initiation site/flanking sequences 6515
Ascaris lumbricoides, intervening sequences 7689
Bombyx mori, structure, transcription/initiation site 1245
transcription terminator elements, natural point mutations, single bases/functional importance, rat 4131
tsetse fly, structure, sequence 15

Z-DNA,
B–Z transition, thermodynamics 5863
B-DNA, comparison of reactivity/2-N,N-cetoxyacetylaminofluorene, 3-N,N-cetoxyacetylino-4, 6-dimethyldipyrido[1, 2-a:3′, 2′-d]imidazole 5629

αDNA,
α-/β-anomeric oligodeoxyribonucleotides, hybridization, mRNA 10419
conformation, duplex, high field ^{1}H-NMR 7027
unnatural hexadeoxyribonucleotides, conformation, anti-parallel self-recognition, high field ^{1}H-n.m.r., characterization 4241
unnatural α-anomeric oligodeoxyribonucleotides/synthesis, four usual bases, substrate activities/nucleases 3421

Drosophila,
alcohol dehydrogenase genes, chromatin structure/role-*cis*-acting elements 7903
α-amylase, glucose repressible, genes, nucleotide sequence 7184
calmodulin genes, structure/expression 3335
consensus sequence, comparison, translational start sites, vertebrates 1353
Cu-Zn superoxide dismutase, cDNA sequence 5483
DNA, satellite-associated sequence 10061
gene expression, stimulation-20-hydroxyecdysone, transfected cells 9255
rp21C, cDNA/amino acid sequence 10064
rpA1 genes, structural analysis, eukaryotic A type ribosomal protein family 987
sodium channel genes, nucleotide sequence 8569
superoxide dismutase genes, sequence 10601
Drosophila hydei,
Drosophila melanogaster, heat shock loci 93D/48B, common structural/transcriptional pattern 3317
Drosophila melanogaster,
Adh genes, deletion mutant, identification 7641
Adh^{n4}, nonsense mutation 3931
cultured cells, cytomegalovirus immediate early gene promoters 2392
DNA sequences, novel GC-rich dispersed repeat sequence 4035
Drosophila hydei, heat shock loci 93D/48B, common structural/transcriptional pattern 3317
embryogenesis, blastoderm-specific locus, *bsg25D*, molecular characterization 2309
phosphoenolpyruvate carboxykinase, nucleotide/amino acid sequence 6745
yolk polypeptide genes, sequence homologies 67
Duchenne muscular dystrophy,
DNA, deleted sequence, HIP25, isolation 2167
RFLPs, pERT 87-8, Xp21 862

Elongation factor Tu,
Thermus thermophilus, nucleotide binding site, sequence/identification 9263
Embryogenesis,
Drosophila melanogaster, blastoderm-specific locus, *bsg25D*, molecular characterization 2309
Embryonal carcinoma cells,
F9 mouse, viral enhancer function, repressors, activators, competition studies 4307
Endonucleases,
uvrABC, *Escherichia coli*, repair of psoralen monoadducts 4957
Endotoxins,
Bacillus thuringiensis var. *israelensis*, genes, nucleotide sequence 7195
Epoxide hydrolase,
amino acid/nucleotide sequence, liver microsomes, human 7188
Epstein–Barr virus,
DNA, size heterogeneity, Raji cells 10345
RNA, clustered alternative splice sites 5887
specific desoxyribonuclease genes, identification using complementary DNA 2707

Erythropoietin,
genes, *Xba*I polymorphism, human 6768
Escherichia coli,
ADP glucose synthetase, allosteric mutant, amino acid sequence 10603
aminoglycoside 3′-phosphotransferase, genes, nucleotide sequence 8111
argA genes, nucleotide sequence 10586
bacteriophage T4 infected, RNA polymerase, interaction-sigma factors 8521
DNA photolyase, binding to defined substrate containing single T<>T dimer 1109
DNA repair, mismatches 8205
DNA, bent segments, characterization 6827
dnaK genes, homology/*Bacillus megaterium*, nucleotide sequence 3923
enterotoxigenic, faecal specimens, non-radioactive detection, enzyme-linked probes, oligonucleotides 5275
excision repair genes, *uvrC*, regulation 4273
galT genes, nucleotide sequence 8116
genes, cloning, oligonucleotide hybridization 10593
genes, *dnaX*, relationship-gene products 7663
genome, mono-through hexanucleotide composition, Markov chain analysis 2611
genome, oligonucleotide composition, effect of codon usage, Markov chain analysis/over and under-represented sequences 2627
glutamine permease operon *glnHPQ*, promoter region/two transcriptional start sites 2777
*gyr*B genes, DNA sequence/application of new sequencing strategy 771
leuS genes, cloning/nucleotide sequence 10199
M5 polypeptide genes, complete nucleotide sequence, deduced amino acid sequence 3924
malate dehydrogenase genes, complete nucleotide sequence 4993
methionyl-tRNA synthetase, tRNA binding site 10523
3-methyladenine DNA glycosylase I, purification/characterization 2787
*mic*F genes, RNA, isolation, characterization 2089
mutH genes, nucleotide sequence 3073
ogt genes, characterization/nucleotide sequence 9177
plasmids, supercoiling, human genomic fragment co-amplified with c-Ki-ras/isolation 3411
promoter sequences, analysis 2343
promoter sequences, common structural feature 4973
promoters, upstream, sequence distribution/DNA curvature 785
protein M/protein P genes, sequence, comparison 8568
pXmnAT□ vectors, unfused proteins/expression 3925
recN genes, nucleotide sequence, LexA regualtion 5041
rep genes, sequence, encoded helicase, homology with *uvr* D 465
replication origin *oriC*, transcripts 2479
ribosomal protein L11, operon, translational regulation, mutations defining target site/repression by L1 3085

ribosomal protein S4, rRNA 16S-binding fragment 10331
RNA 16S, protein binding sites, protected regions 3653
RNA polymerase, *tet* R promoter from pSC101, characterization of steps in complex formation 575
RNA polymerase, transcription, psoralens effects on 6843
RNA protein cross-linking, 30S ribosomal subunits 3221,3241
RNase III, A3t RNA/phage T7, structure of secondary cleavage sites 431
rRNA genes, transcription, t_L mutants 8235
Seryl-tRNA synthetase, genes, cloning, characterization 1005
single stranded DNA binding protein, specific and co-operative binding/mRNA 5241
Streptomyces transcriptional terminator, activity 2665
stringent starvation protein, genes, structure 1153
tRNA-*tuf*B operon, transcription 9515
urvB genes, homology, cytochrome *c* oxidase pseudogenes, rat 6748
uvrABC endonucleases, repair of psoralen monoadducts 4957
valS genes, nucleotide sequence 9081
vectors, pJAC4, promoter probe 8567
mRNA, β-galactosidase, expression, yeast, stability/translation 7963
$tRNA^{Arg}$, sequence 3184
Escherichia coli K12,
avtA, genes, bidirectional sequencing 9461
deocABD operon, terminator region/analysis 5125
FanA/*Fan*B genes, nucleotide sequence, K99 fimbriae 5973
α-galactosidase, *mel*A genes, nucleotide sequence 2213
glnALG operon, complete nucleotide sequence 2757
hemD genes, nucleotide sequence 10583
*ilu*GMEDA operon, complete nucleotide sequence 2137
ilvGp2 promoter, *ilvGMEDA* operon, DNA, upstream sequences, effect of deletion 1521
phage M13, poly-CA/TG tandem repeats, short frameshifts, high frequencies 5323
Etoposide,
effects on plasmids, *Halobacterium* 8217
Euglena gracilis,
chloroplast genes, ribosomal protein L20, nucleotide sequence 3927
DNA, chloroplast 7809
Eukaryotes,
DNA, mini-preparation 8118
RNA splice junctions, analysis 7155
Evolution,
immunoglobulin κ light chain genes, rabbit 6171
X/Y chromosomes homologous sequences, human 6261
Expression vector (pPLEX),
bacterial synthesis/non-fusion proteins and protein domains 1878
Factor VIII,
genes, *Msp*I polymorphism 6312
Fibronectin,
genes, alternative splicing, role-exon sequences, human 7725
Field inversion gel electrophoresis,
vertical slabs, large DNA, improved method for separation 3634
Filter binding assay,
trp repressor-operator interaction, analysis 5339
Flaveria trinervia,
ribulose 1,5-bisphosphate carboxylase/oxygenase cDNA, sequence 1875
FLP protein,
purification/properties 6469
Fluorometric staining,
DNA detection, RNA preparations 10589

α-Galactosidase,
Escherichia coli K12, *mel*A genes, nucleotide sequence 2213
β-Galactosidase,
mRNA, *Escherichia coli*, expression, yeast, stability/translation 7963
Gel electrophoresis,
ramped field inversion, cautionary note 5489
Gene expression,
bovine papilloma virus, optimization, transformed mouse C127 cells 7137
chloramphenicol acetyltransferase, rapid radiolabel-sparing t.l.c. 10069
Drosophila, stimulation-20-hydroxyecdysone, transfected cells 9255
EF-1α/hsc73/hsp70, $LMTK^{35}$ cells 6756
endo A, regulation, embryonal carcinoma cells, mouse 6105
phosphoenolpyruvate carboxykinase, control-glucocorticoids 6405
plants, analysis, vectors 8115
spermine binding protein, androgen regulated, mouse prostate 7709
thyroglobulin, tissue specific, rat 8149
U.V./4-nitroquinoline-1-oxide/12-tetradecanolyl-phorbol-13-acetate effects on, epidermal keratinocytes, human 5945
Gene transcription,
tRNA, requirement for A block promoter/dependence on ionic environment 5699
Genes,
41.9 kd toxin, *Bacillus sphaericus* strain 2362, identification, nucleotide sequence 5891
68-K serum albumin, *Xenopus laevis*, DNA sequences, first exon, 5′ flanking region 5889
71 kd heat shock 'cognate' protein, structure/expression 5181
A-protein/coat protein, bacteriophage fr, sequence 6741
β-actin, 5′ flanking region, nucleotide sequence, human 9095
actin, *Bombyx mori*, coding region, nucleotide sequence 2781

actin, cytoplasmic, expression, *Drosophila* cultured cells, 20-hydroxyecdysone/regulation 2549
actin, *Schizosaccharomyces pombe*, nucleotide sequence/transcription 7369
adenine methylase, *Streptococcus faecalis* plasmid pAmβ1, sequence 3177
adenosine deaminase, homozygous deletion, association-immune deficiency, human 9365
Adh, *Drosophila melanogaster*, deletion mutant, identification 7641
β-adrenergic receptor, human, primary structure 3636
alcohol dehydrogenase, *Drosophila*, chromatin structure/role-*cis*-acting elements 7903
algD, transcriptional regulation, *Pseudomonas aeruginosa* infection, cystic fibrosis 4567
alkaline phosphatase, RFLPs, human placenta 9104
alkaline phosphatase, promoter structure, human intestine 10599
alpha-1-antitrypsin, human, tissue specific expression, transgenic mice 1459
alpha-amylase, thiol protease, nucleotide sequence analysis, hormonal regulation/barley aleurone cells 2515
amidinotransferase, streptomycinphosphotransferase, *Streptomyces griseus*, nucleotide sequence 1819
aminoglycoside 3′-phosphotransferase, *Escherichia coli*, nucleotide sequence 8111
amplification/expression, *ts*-COS cells, integration, SV40 replicons 6117
βamylase, *Bacillus polymyxa*, active fragment, sequence 3934
α-amylase, glucose repressible, *Drosophila*, nucleotide sequence 7184
amyloid beta protein, RFLPs, Alzheimer's disease, human 9103
antibiotic resistance, plasmids pNS1981/pUB110, flanking regions, nucleotide sequence 7202
antibiotic resistance, plasmid R46, nucleotide sequence, comparison-IncW plasmids/Tn21-like transposons 7491
antibodies, nucleotide sequence, hybridoma cell line, mouse 6296
α_1-antitrypsin, tissue-specific expression, control, human 8399
apo-AII, dual tissue − specific expression/directed by upstream enhancer 3801
apo-AII, human, intron 12, 3′ splice site, deletion analysis 3787
apocytochrome *J*, *Vicia faba* chloroplast genome, sequence 2391
apolipoprotein AI, RFLPs 381
apolipoprotein B, RFLPs, human 9618
apolipoprotein CI, RFLPs 1344
apolipoprotein D, RFLPs, human 9617
apolipoprotein CII, RFLPs, 19cen−19q13.2, human 6769
APRT, nucleotide sequence, human 9086
aprt, RFLPs, human 9615
argA, *Escherichia coli*, nucleotide sequence 10586
ATPase subunit 6, nucleotide sequence, *Oenothera* 9092
F_1ATPase, β-/ε-subunit, chloroplasts, sweet potato 7177
atpB-atpE-trnM, chloroplast-encoded, clusters, sequence, rice 4358
avtA, *Escherichia coli* K12, bidirectional sequencing 9461
Bacillus megaterium, nucleotide sequence, homology/*dnaK*, *Escherichia coli* 3923
Bacillus phage Nf terminal protein, nucleotide sequence 5251
Bacillus subtilis, synonymous codon usage 8023
Bacillus thuringiensis var.morrisoni strain PG14, 27kd crystal protein, nucleotide sequence 3619
bacteriophage T7, ribosomal binding site/efficiency 4931
blaI, B-lactamase repressor, purification/DNA binding, *Bacillus licheniformis* 6049
bovine rotavirus C486 gene 4
cDNA, complete nucleotide sequence 4361
c-ets-1, RFLPs 5905
c-*fos*, regulation of expression/hamster fibroblasts 5657
c-*myc*, characterization, rat 6419
c-*raf*-1, human, activation/N-terminal region replaced with different sequences 4809
c-sis, 5′ portion sequences, role-transcription/translation regulation, human 6017
C2, flanking regions, complete sequence, rat prostatic binding protein 1627
C4A, RFLPs, chromosome 6 2395
calmodulin, *Drosophila*, structure/expression 3335
carbonic anhydrase II, chicken, recent shift in intron position, evidence 753
cardiac myosin, heavy chain, human, linkage in genome 5443
CDC16, *Saccharomyces cerevisiae*, sequence 8439
cellular/viral, differential regulation, F9 cells 9379
chimaeric, regulated expression, human growth hormone-related genes, 5′-flanking regions, rat anterior pituitary tumor cells, transiently transfected 1297
chloramphenicol acetyltransferase, inhibition of expression by antisense oligonucleotide analogues 5749
chloramphenicol acetyltransferase, stimulation-phorbol 12-myristate 13-acetate, cell lines 9043
chromosomal, encoding interleukin 4, structural analysis, mouse 333
chromosome 9, RFLPs, human 6310
class III, novobiocin, transcription factors, TFIIIA and TFIIIC 4365
coliphage T3 S-adenosylmethionine hydrolase, nucleotide sequence, analysis, ribonuclease III processing sites 717
collagen proα2(V), evolutionary relationship/fibrillar-forming collagens 181
collagen, translation 8935
cosmid mapping, gonadotropin β subunit, field inversion gel electrophoresis 4437
3′,5′-cyclic AMP-dependent protein kinase, regulatory subunit, *Saccharomyces cerevisiae*,

nucleotide sequence 368
cytochrome oxidase subunit I, nucleotide sequence, mitochondria, wheat 6734
cytochrome P-450c, xenobiotic responsive elements upstream/characterization, similarity/glucocorticoid regulatory elements 4179
cytochrome p450, RFLPs 5901
cytochrome p450e, 5′ flanking sequence, rat liver 6755
dctB/dctD, *Rhizobium leguminosarum*, products, homology 7921
deoxycytidylate hydroxymethylase, bacteriophage T4 (g42), nucleotide sequence, homology of gene product 3920
desoxyribonuclease, Epstein–Barr virus-specific, identification using complementary DNA 2707
dihydrofolate reductase – thymidylate synthase, 5′ region, *Leishmania major*, nuclease S1 mapping, sequence 3369
dihydrofolate reductase, RFLPs 5906
dihydrofolate reductase, *Saccharomyces cerevisiae*, characterization 10355
diphtheria toxoid CRM176, nucleotide sequence 5897
DNA methyltransferase, *Chlorella* virus NC-1A, cloning/characterization 9807
DNA polymerase, fowlpoxvirus, identification/sequence 6563
DNA topoisomerase I, *Schizosaccharomyces pombe*, cloning/sequencing/disruption 9727
dnaB-like proteins, pCTT1, *Chlamydia trachomatis* 10596
dnaX, *Escherichia coli*, relationship-gene products 7663
E1, mRNA, bovine papillomavirus type 1-infected bovine fibroblasts 8607
*Eco*RII modification enzymes, expression, nucleotide sequence 313
EF-1α, *Mucor racemosus*, sequence analysis 9997
endothelial cell growth factor, amplification, hamster tumour cells 7646
endotoxins, *Bacillus thuringiensis* var. *israelensis*, nucleotide sequence 7195
erb-A1, 17q12–q21, RFLPs 863
ERCC-1, characterization, human 9195
erythropoietin, *Xba*I polymorphism, human 6768
Escherichia coli, cloning, oligonucleotide hybridization 10593
Escherichia coli, tRNA-*tufB* operon, transcription 9515
ethylene-related, tomato, nucleotide sequence 10600
Euglena gracilis chloroplast, ribosomal protein L20, nucleotide sequence 3927
excision repair, *uvrC*, *Escherichia coli*, regulation 4273
expression, *Streptomyces lividans*, optimization by transcription terminator 4227
F and HN glycoproteins, bovine parainfluenza 3 viruses, nucleotide sequence 2945
factor VIII, human, *Msp*I polymorphism 6312
factor VIII, novel missense mutation, identification 9797
FanA/FanB, *Escherichia coli* K12, nucleotide sequence, K99 fimbriae 5973
α-fetoprotein, rat, 5′-flanking region/characterization, tandem organization/albumin gene 1338
fibrinogen β, human, 5′ flanking region, characterization 1615
fibronectin, alternative splicing, role-exon sequences, human 7725
fibronection, RFLPs, pFH154, 2q34–36 6761
fixABC, *nifA*, *nifB*, plasmids, pRL6JI, *Rhizobium leguminosarum*, DNA, partial sequence 31
galT, *Escherichia coli*, nucleotide sequence 8116
gamma chain, rat fibrinogen, nucleotide sequence/conserved intronic sequences 2774
gastrin releasing peptide, 18q1, RFLPs 375
gastrin, human, RFLPs 7652
glnA, putative regulatory gene, tight linkage, *Rhizobium leguminosarum* 1951
B-globin, chicken erythrocyte polynucleosomes, linker histones 1081
α-globin, complex, mapping, pulsed field gradient gel electrophoresis, human 6197
B-globin, hare, nucleotide sequence 5899
α-globin, HTF islands, distribution/evolution, human 9215
β-globin, human, L1 family (KpnI), sequence near 3′ end/possible derivation from active L1 sequence 4007
β-globin, locus activation region, human 10159
γ-globin, promotor binding proteins, human 9349
β-globin, *Xenopus tropicalis* larvae, nucleotide sequence 10062
glucocorticoid receptor, RFLPs, 5q11–5q13 6765
glucose transporter, human erythrocyte, RFLPs 9101
glutamate dehydrogenase, human, *Taq*I polymorphism 6308
glutathione peroxidase, α1 globin, β^{maj}globin, changes in minor transcripts/erythropoiesis 3671
glutathione peroxidase, nucleotide sequence, human 10051
glutathione S-transferase, human, polymorphism 6306
glycinin A_2B_{1a}subunit precursor, soybean, nucleotide sequence 8117
growth factor II, insulin-like, RFLPs 7655
gyrB, *Escherichia coli*, DNA sequence/application of new sequencing strategy 771
hck, nucleotide sequence, mouse 9600
heat shock, *Caenorhabditis elegans*, mouse, intron-containing, expression, divergence of 3′ splice site recognition sequences 3723
hemD, *Escherichia coli* K12, nucleotide sequence 10583
heterogeneous IAP family, expression, nearly identical members, thymus/different mouse strains 3823
HEXB, RFLPs 3194
histone H4, *Tetrahymena thermophila*, transcribed and translated regions, unusual features 141
HLA-DQβ, immunoglobulin-like octamer, identification 8057

homeobox containing, chromosome 11, mouse 6773
homoserine kinase (*thr*B), *Brevibacterium lactofermentum*, nucleotide sequence 3922
hsc70 pseudogene, nucleotide sequence, human 9605
human collagen I, COLIAI, RFLPs 4699
human estrogen receptor, RFLPs, chromosome 6 866
human G γglobin, sequence correction, Rsa I site 3′/identification 3921
human LDL receptor, RFLPs 379,2782
human parainfluenza virus 3
matrix protein, nucleotide sequence 3182
human platelet factor 4, RFLPs 380
human tissue factor, RFLPs 9098
human α1(IV)collagen, RFLPs 5497
Huntington's disease, RFLPs, human 9100
ICP18.5, herpes simplex virus type 1, nucleotide sequence 8109
ICP4, herpes simplex virus type 1, nonsense peptides, activity 4491
immunoglobin VH3, RFLPs 4697
immunoglobulin E receptor, structure, human lymphocytes 7295
immunoglobulin heavy-chain, enhancer, human, binding of nuclear factors 2851
immunoglobulin V_K/J_KC_K, linking, chromosomal walking 9655
immunoglobulin V_K, mapping 9667
immunoglobulin V_K, structure 9567
immunoglobulin κ light chain, rabbit, evolution 6171
immunoglobulin κ, association-ornithine decarboxylase-processed pseudogenes, evolutionary clock 7199
infA, protein synthesis initiation factor 1F1, cloning, mapping 5157
insecticidal protein, *Bacillus thuringiensis* var. *tenebrionis*, nucleotide sequence 7183
intronless, globin VIIB subfamily, *Chironomus thummi*, nucleotide sequence 5494
inversion, nonsecretor Sp2/0-Ag14 myeloma cell line 4688
3-isopropylmalate dehydrogenase, *Bacillus caldotenax*, nucleotide sequence 853
3-isopropylmalate dehydrogenase, *Bacillus subtilis*, nucleotide sequence 4988
kappa, t(2;8)chromosomal translocation, N segment insertion, region-directed somatic hypermutation 4877
Ki-ras, activation, breast carcinoma cell line, human 5963
KorB, plasmid RK2, nucleotide sequence 7443
L, nucleotide sequence analysis, Newcastle disease virus, homology/Sendai virus/vesicular stomatitis virus 3961
lacZ, expression, methanol-regulated promoters, *Pichia pastoris* 3859
late α_2 glycoprotein C, herpes simplex virus type 1, control of transient expression/responsiveness to transactivation 3097
*lcf*B, *Bacillus caldotenax*, *Bacillus stearothermophilis*, sequence 1331
LDL receptor, RFLPs 3943
LDL receptor, RFLPs, human 7659,10067
leaf/stem-specific, potato, organ-specific/dosage-dependent expression 3479
lectin, *Pisum sativum* seeds, nucleotide sequence 7642
LEU3, *Saccharomyces cerevisiae*, regulatory, structure, evidence for amino acid control 5261
leuS, *Escherichia coli*, cloning/nucleotide sequence 10199
levanase, *Bacillus subtilis*, fragment, nucleotide sequence 9606
lin-12, *Caenorhabditis elegans*, physical and genetic maps/correlation 2295
lipoprotein lipase, RFLPs, 8p22 6763
lipoprotein lipase, RFLPs, human 7657
lipoprotein lipase, RFLPs 9102
low-density lipoprotein receptor, 19p13, RFLPs 376
lux, *Vibrio fischeri*, regulatory locus, nucleotide sequence 10455
lysozyme, chicken macrophages, control/positive and negative regulatory elements 4163
M1 muscarinic acetylcholine receptor, sequence, human 10604
M5 polypeptide, *Escherichia coli*, complete nucleotide sequence, deduced amino acid sequence 3924
maize chloroplast, transcription analysis, ribosomal protein S4 1853
malate dehydrogenase, *Escherichia coli*, complete nucleotide sequence 4993
mammalian ribosome L3, cloning/characterization, human fetal/neoplastic cells 8919
mammalian, histidyl-tRNA synthetase, isolation/structure/expression 3349
manganese superoxide dismutase, RFLPs, human 7654
*mdr*2, chromosome 7, associated RFLPs, human 6305
medullasin, nucelotide sequence, human 9601
*mel*A, α-galactosidase, *Escherichia coli* K12, nucleotide sequence 2213
meso-diaminopimelate D-dehydrogenase, nucleotide sequence, *Corynebacterium glutamicum* 3917
metallothionein, DNA repair, Chinese hamster ovary cells 10021
metallothionein, RFLPs, 16q21 1350
metallothionein, teratocarcinoma cells, butyrate/selective activation/induction of hypersensitivity to metal induction 5461
metallothionein-I, transcription, inhibition-novobiocin, mouse 8547
methyl coenzyme M reductase, cluster, *Methanosarcina barkeri*, nucleotide sequence 4350
mGK-5, nucleotide sequence, mouse 10052
*mic*F, RNA, *Escherichia coli*, isolation, characterization 2089
milk protein, promoters/binding, nuclear proteins/lactating mammary glands 2103
mitochondria proteins 10083
murine T cell differentiation antigen, immuno-globulin-related molecule Lyt-2, isolation/characterization 4337
murine tumor necrosis factor-β, sequence 3937

muscular dystrophy, Becker/Duchenne, analysis 9761
muscular dystrophy, Duchenne, cloning/characterization 9129
mutH, *Escherichia coli*, nucleotide sequence 3073
myosin heavy chain, altered DNA conformation 8069
myotonic dystrophy (DM), RFLPs 3192,3193
N-*myc*, β-NGF, fine mapping, G-banded human chromosomes, non-isotopic *in situ* hybridization technique 4761
natriuretic peptides, RFLPs, human 7656
nifA, *Bradyrhizobium japonicum*, transcription 8479
nifA, *Rhizobium trifolii*, upstream, ferredoxin-like protein 3180
nifD, α-subunit/nitrogenase MoFe protein, *Clostridium pasteurianum*, nucleotide/deduced amino acid sequences 3935
nifH, *Klebsiella pneumoniae*, *promoter, upstream sequences, mutational analysis 9945*
nifS, *Bradyrhizobium japonicum*, promoter, mapping/nucleotide sequence 9598
nod, *Rhizobium*, expression, regulation 9677
nodule specific, small family, soybean 1507
NP, P, C and M proteins, bovine parainfluenza 3 viruses, nucleotide sequence 2927
NS1, bluetongue virus, nucleotide sequence 7207
nuclear COX4, *Saccharomyces cerevisiae*, untranslated leader contains intron 3515
nucleotide sequence, primary structures/gene products, T4 genome, 48.266kb and 39.166 kb 3632
ogt, *Escherichia coli*, characterization/nucleotide sequence 9177
oli 2, subunit 6, mitochondrial ATPase complex, *Saccharomcyces*, sequence 366
ovotransferrin, nucleotide sequence, chicken 7643
P450IIC, cDNA/amino acid sequences, human 10053
P450IIE1, RFLPs, human 10071
patatin, two classes, differential expression in tubers and roots 1979
pea mitochondrial ATPase subunit 9, upstream of/α-subunit gene 4692
PGK, yeast, transcription activator 6243
PH02, *Saccharomyces cerevisiae*, sequence, regulatory protein/unusual aminoacid composition 233
PH080, *Saccharomyces cerevisiae*, 5′ region, sequence 5893
PHO85, *Saccharomyces cerevisiae*, isolation/structure 10299
phosphoglycerate kinase, yeast, upstream activation site 6855
3-phosphoglycerate kinase, human, *Saccharomyces cerevisiae*, hybrid, expression 643
phycocyanin β-subunit, *Anacystis nidulans* strain R2, nucleotide sequence 2394
pilin, *Bacteroides nodosus*, nucleotide sequence 7189
plants, light inducible/non-light inducible, discrimination 9957
plants, polyadenylation signals 9627
plants, TATA box/translation start site 6643
plasmid R100, fertility inhibition 2029
plasmid-mediated mutagenesis, transfected eukaryotic cells 561
polyhedrin, *Autographa californica* nuclear polyhedrosis virus, promoter, analysis 10233
polypurine/polypyrimidine sequence elements, murine homeo box loci, *Hox-1*, -2 and -3 5495
porphobilinogen deaminase, human, RFLPs, 11, q23-qter region 1349
porphobilinogen deaminase, human, *Pst*I polymorphism 6307
PRI1, *Saccharomyces cerevisiae*, nucleotide sequence 7975
prion protein (PrP), RFLPs 3191
processed, homology/thymidine kinase, chinese hamster cells 4693
procollagen type II, polyadenylation site, human 9499
promoters, efficiency, *Xenopus* oocytes 7795
protein G, *Streptococcus*, nucleotide sequence 7210
protein kinase C, nucleotide sequence, human 7179
protein M/protein P, *Escherichia coli*, sequence, comparison 8568
psaA, psaB, psbD, psbC, barley chloroplast transcription units, characterization 5217
psbA, *Synechocystis*, nucleotide sequence 10585
pyruvate decarboxylase, *Zymomonas mobilis*, nucleotide sequence 1753
QUTA, *Aspergillus nidulans*, isolation/characterization 7991
rainbow trout protamine, germline specific, chromatin, DNA/methylation pattern, restriction endonuclease accessibility 3385
ras, concurrent mutations, acute myelocytic leukemia 5669
rbcS, *Mesembryanthemum crystallinum*, cDNA nucleotide sequence 6301
rbcS, *Petunia*, relative expression levels 4655
recN, *Escherichia coli*, nucleotide sequence, LexA regualtion 5041
rep, *Escherichia coli*, sequence, homology with *uvr* D 465
RF1, plasmid kl, *Kluyveromyces lactis*, function 10046
ribosomal protein L14, *Xenopus laevis*, nucleotide sequence 1870
ribosomal protein L36, nucleotide sequence, pea chloroplast 9080
ribosomal protein S11, pea chloroplast DNA, nucleotide sequence 1873
ribosomal protein S13, wheat mitochondria 10393
ribosomal protein S2, *Triticum aestivum* chloroplast, nucleotide sequence 10590
ribosomal protein, activation sites, yeast 6037
ribosomal protein, *Dictyostelium*, nucleotide sequence/characterization 10285
ribosomal protein, *Neurospora crassa*, isolation/characterization 9027
ribosomal protein, *Schizosaccharomyces pombe*, sequence and regulatory responses 1477
ribosomes, promoter, *Xenopus laevis*, linker scanner mutageneis 7429

ribulose bisphosphate carboxylase small subunit, *Nicotiana tabacum*, pseudogene characterization 8661
ribulose-1,5-bisphosphate carboxylase small subunit, control-neomycin phosphotransferase transcription 6501
ribulose-1,5-bisphosphate carboxylase/oxygenase small subunit, nucleotide sequence, sunflower 7181
ribulose-1,5-bisphosphate carboxylase/oxygenase small subunit, corn, nucleotide sequence 4360
RNA 5S, nucleotide sequence, flanking regions/histone genes, *Artemia* 3628
RNA 5S, $tRNA_i^{met}$, eukaryotic, RNA polymerase III/transcription blocked by base mismatches/intragenic control regions 2059
RNA 6s, sequence, *Pseudomonas aeruginosa* 4583
mRNA, DIF inducible, *Dictyostelium*, structure/function 7463
rRNA, *Escherichia coli*, transcription, t_L mutants 8235
tRNA, mouse, nucleotide sequence 8562
tRNA, *Saccharomyces cerevisiae* mitochondria, transcription 6387
tRNA, *Saccharomyces cerevisiae*, transcription/RNA processing 7381
tRNA, *Saccharomyces cerevisiae*, promoter, identification 9309
tRNA, *Streptomyces rimosus* 6747
rRNA, transcription, initiation site, *Artemia* 6007
medRNA, *Trypanosoma brucei*, associated element, structure/transcription 10179
tRNA, *Xenopus laevis*, DNA tandem repeat, sequence 7191
tRNA-Thr(GGU), pea chloroplast, nucleotide sequence, flanking regions, comparison *Vicia faba* sequence 854
$tRNA^{Glu}$, soybean mitochondria, nucleotide sequence 10588
$tRNA^{leu}$, spinach chloroplast, flanking regions, nucleotide sequence 3621
$tRNA^{Ser}$, maize chloroplast, location and sequence 370
$tRNA^{Ser}$, nucleotide sequence, human 10045
rRNA 16S, *Streptomyces coelicolor*, nucleotide sequence 7176
rRNA 23S, *Pseudomonas aeruginosa*, nucleotide sequence 7182
rRNA 5.8S, *Cephalosporium acremonium*, nucleotide sequence 9599
snRNA U4, transcription signals, chicken 9239
4, rotavirus SAII, sequence of 5′ and 3′ ends 4691
rpA1, structural analysis, *Drosophila*, eukaryotic A type ribosomal protein family 987
rps 19 locus, *Zea mays*, inverted repeat/unique region junctions, sequence 3932
rps14, trnfM, trnG-GCC, trnP-UGG, trnW-CCA, pea chloroplast DNA, sequences 3630
*rrn*A operon, *Mycoplasma* strain PG50, nucleotide sequence 1327
serine protease, *Staphylococcus aureus*, nucleotide sequence 6757
seryl-tRNA synthetase, *Escherichia coli*, cloning, characterization 1005
seryl-tRNA synthetase, *Saccharomyces cerevisiae*, cloning, characterization 1887
single-stranded insertion vector, vaccinia virus genome 4690
sodium channel, *Drosophila*, nucleotide sequence 8569
somatostatin, rat, cell specific expression, promoter sequences/identification 5715
Streptomyces lividans, major secreted protein XP55, nucleotide sequence 3926
streptomycin biosynthesis, *Streptomyces griseus*, nucleotide sequence/transcription 8041
stringent starvation protein, *Escherichia coli*, structure 1153
structure, human, oestrogen-responsive, pS2 1401
Sts, linkage-*Sxr*, mouse 9227
SUC2, yeast, chromatin structure 6937
superoxide dismutase, *Drosophila*, sequence 10601
t, nucleotide sequence, bacteriophage T4 6736
T-cell antigen receptor α chain, human, RFLPs 6760
T-cell receptor Vβ, human, germline sequence 4991
T-cyt, *Agrobacterium*, plant expression signals 8267
T-cyt, *Agrobacterium*, transcription, TATA box mutations effects on 8283
testis determining factor, locus near, isolation, human 6159
TGF-β precursor, human, intron-exon structure 3188
β-thalassaemia, mutant, expression, tissue culture 8195
thrA, *Brevibacterium lactofermentum*, nucleotide sequence 10598
thymidine kinase, RFLPs 7212
thyroglobulin, 8q24, RFLPs 373
TIMP, assignment to murine X chromosome, inter-species cross 4357
TNF locus, nucleotide sequence, mouse 9083
tnpA, Tn21, nucleotide sequence 1799
tobacco mosaic virus pathogenesis-related proteins, tobacco, structure 6799
*tox*R, characterization, exotoxin A regulation, *Pseudomonas aeruginosa* 2123
transin, oncogene-induced, sequences, conservation in related rat gene 1139
transposase, transposon Tn2501, DNA sequence 10049
$tRNA^{Ile}$, *Saccharomyces cerevisiae*, structure 364
trpC, *Penicillium chrysogenum*, complete nucleotide sequence 1874
trypsin inhibitor, cow colostrum, solid-phase assembly 4849
tubulin, *Trypanosoma brucei*, transcription 7357
tumour necrosis factor, linkage-HLA-B locus 8957
twist, isolation of *Drosophila* zygotic gene/dorso-ventral pattern 3439
tyrosinase, *Streptomyces glaucescens*, promoter 8106
tyrosine hydroxylase, promoters, identification/cell type specificity 2363
U2, *Xenopus*, promotor analysis 6437
ubiquitin, herpes simplex virus infection, induction 7283

ubiquitin, human, structure, pseudogenes, Ub B subfamily 443
U_{CAA}b-2, mouse, similarity to rat Ula gene/670 nucleotides 5′ to the gene 3622
UDP glucose pyrophosphorylase, *Dictyostelium discoideum*, structure/expression 3891
Uk, myeloma cell line P3-X63-Ag8.653, complete variable region sequence 2771
URA 3, *Kluyveromyces lactis*, sequence 8573
uroporphyrinogen decarboxylase, structure, human 7343
urvB, *Escherichia coli*, homology, cytochrome *c* oxidase pseudogenes, rat 6748
uteroglobin, rabbit, steroid hormone receptors, DNaseI hypersensitive sites, partial overlapping of binding sequences 4535
VA I, adenovirus 2, transcription efficiency, analysis 8293
valS, *Escherichia coli*, nucleotide sequence 9081
vicilin, *Vicia faba*, nucleotide sequence 10065
virD operon, plasmid Ti, *Agrobacterium tumefaciens*, characterization 7503
vitellogenin, chicken, repetitive element/CR1 family, downstream 4193
vitellogenin, *Strongylocentrotus purpuratus*, sequence 10405
von Willebrand factor, human, RFLPs, 12p12-12pter 1347
von Willebrand factor, RFLPs 5909
von Willebrand factor, RFLPs, pVWE6, 12p12\pter, human 6766
Von Willebrand factor, RFLPs, human 9099
VP4 core protein, bluetongue virus, nucleotide sequence 7206
white, marker, P-element vectors, gene transfer, *Drosophila* 3947
X-linked proteolipid protein, MSP RFLPs, Xq21.2–Xq22 1882
Xenopus, vitellogenin/yolk proteins, precursor–product relationship 4737
yolk polypeptide, *Drosophila melanogaster*, sequence homologies 67
α mating pheromone, *Saccharomyces kluyveri*, nucleotide sequence 6303
αA crystallin, nucleotide sequence, mole rat 9093
β-lactamase I, *Bacillus cereus* strains 569/H and 5/B, nucleotide sequence 1877
alpha-1-antitrypsin, human, expression, mice 7519
β-globin, cow 10437
tRNA, sequences, compilation r53
$tRNA^{Leu3}$, yeast, transcription, enhancement 9881
α-tubulin, RFLPs 8119

Genomes,
bacteria, pulsed field mapping, restriction endonucleases 5985
bovine papillomavirus type 1, long control region, *cis*-active elements 10267
hepatitis B virus, foreign promoter-controlled, expression/replication 10117

Genomic analysis,
mouse, L1 elements 7395
tomato, chromosome assignment 9339

***Giardia lamblia*,**
unusually compact ribosomal DNA repeat 4065
rRNA, characterization/structure 7889

α-Globin,
genes, complex, mapping, pulsed field gradient gel electrophoresis, human 6197
genes, HTF islands, distribution/evolution, human 9215
genes, β^{min} globin, glutathione peroxidase, changes in minor transcripts/erythropoiesis 3671

β-Globin,
chromatin, solubility, enhancement-histone hyperacetylation, chicken erythrocytes 9325
gene sequences, chicken erythrocyte polynucleosomes, linker histones 1081
genes, cow 10437
genes, hare, nucleotide sequence 5899
genes, locus activation region, human 10159
genes, *Xenopus tropicalis* larvae, nucleotide sequence 10062
human, genes, L1 family (KpnI), sequence near 3′ end/possible derivation from active L1 sequence 4007
mRNA, rabbit, translation inhibition/enzymatic amplification 4717
mRNA, rat, sequence 1336

β-Globin gene,
human, downstream developmental specific enhancer 5739

β^{min} globin,
genes, α1 globin, glutathione peroxidase, changes in minor transcripts/erythropoiesis 3671

γ-Globin,
genes, promotor binding proteins, human 9349

Glucocorticoid,
receptor, cDNA, cloning/sequence, rat prostate 9603

Glutamate dehydrogenase,
genes, human, *TaqI* polymorphism 6308

Glutamine synthetase,
cDNA, human, sequence 6293

Glutathione peroxidase,
genes, nucleotide sequence, human 10051
genes, α1 globin, β^{min} globin, changes in minor transcripts/erythropoiesis 3671
cDNA, human 7178

Glutathione S-transferase,
genes, human, polymorphism 6306

***Glycine max*,**
rRNA 4.5–5S, intergenic region, structure/evolution 7593

Glycinin,
A_2B_{1a}subunit precursor genes, soybean, nucleotide sequence 8117

Granulocyte–macrophage colony stimulating factor,
cDNA, sequence, relationship-mRNA 10584

Growth factor,
endothelial cell, genes, amplification, hamster tumour cells 7646

Growth factor I,
insulin like, mRNA, nucleotide sequence, rat 7196

Growth hormone,
premRNA, *in vitro* processing, human 7005

cDNA, human 6331
Guanosine,
amino proton exchange, buffer catalysis 10007
modified ribose moieties, reactivity, cleavage reactions, IVS, *Tetrahymena* precursor rRNA 1559

Haemoglobin,
fetal, HPFH-2, DNA methylation, hereditary persistence 5169
Haemophilia B,
factor IX, cDNA, transgenic mice 871
***Halobacterium*,**
plasmids, etoposide effects on 8217
Heat shock genes,
consensus elements, germline transformation analysis, flexibility in organization 2971
HeLa cells,
transcription factor TFIIIC, two forms 5031
***Helianthus annuus*,**
ribulose-1,5-bisphosphate, cDNA, nucleotide sequence 1328
Hepatitis B virus,
enhancer sequence, surface gene promoters/enhanced activity 2261
genome, foreign promoter-controlled, expression/replication 10117
Herpes simplex virus type 1,
gene expression/infection in tissue culture, α protein ICPO 905
genes, ICP18.5, nucleotide sequence 8109
ICP4 genes, nonsense peptides, activity 4491
late α_2 glycoprotein C genes, control of transient expression/responsiveness to transactivation 3097
Histone genes,
Artemia, RNA 5S genes, flanking regions, nucleotide sequence 3628
H2A, H2B, mouse, functional genes/pseudogene/gene conversion 3023
H2B, chicken, structure, organization 1063
H2B, macronuclei/*Tetrahymena thermophila*, characterization 5681
H3.3 multigene family, unusual structure/evolutionary conservation of non-coding sequences/pseudogenes 2871
H4, human, cell cycle dependent, nuclear protein/affinity for 5′ flanking region 1679
H4, *Physarum polycephalum*, interruption by intervening sequence 5478
human, nucleosomes, cell cycle-dependent changes/conformation/composition 4375
Strongylocentrotus purpuratus, evolution 10569
Histones,
H3.3B, chicken, cDNA, sequence 6294
H4, *Tetrahymena thermophila*, genes/transcribed and translated regions, unusual features 141
linker, B-globin gene sequences, chicken erythrocyte polynucleosomes 1081
Physarum polycephalum, postsynthetic acetylation, cell cycle 8351
HMG-like protein,
Tetrahymena, amino acid sequence, macronucleus 8112

Huntington's Disease,
RFLPs, D4S10 marker 377
RFLPs, human 9100
20-Hydroxyecdysone,
stimulation-gene expression, Drosophila, transfected cells 9255
Hypoxanthine-guanine phosphoribosyltransferase,
cDNA, *Plasmodium falciparum*, characterization/comparison 10469

Ichthyosis,
X-linked, eight of nine families, DNA sequences/deletion 3977
Immune deficiency,
adenosine deaminase genes, homozygous deletion, human 9365
Immunoglobulin,
heavy chain, human, polymorphic region 5′ to J_H/characterization 3845
heavy chain, *Xenopus laevis*, variable region segments, nucleotide sequences 5888
mRNA, improved sequencing method 5496
V_K, genes, mapping 9667
V_K genes, structure 9567
V_K/J_KC_K, genes, linking, chromosomal walking 9655
μ heavy chain mRNA, mouse, regulation of differential processing 4603
Immunoglobulin E,
receptor, genes, structure, human lymphocytes 7295
Immunoglobulin genes,
V_K-J_K joining reactions, human lymphoid cell lines, reciprocal recombination products 1
Immunoglobulin κ,
genes, association-ornithine decarboxylase-processed pseudogenes, evolutionary clock 7199
light chain genes, rabbit, evolution 6171
Influenza virus type A,
cytopathic effect, inhibition-oligodeoxynucleotides-acridine conjugate 9909
Insecticidal protein,
Bacillus thuringiensis var. *tenebrionis*, genes, nucleotide sequence 7183
Insertion sequence ISIII,
Streptomyces coelicolor, nucleotide sequence 7053
Insulin,
premRNA, secondary structure, *in vitro* splicing/psoralen cross-linking, mouse 9279
Intercalators,
binding, neocarzinostatin chromophore/double-stranded tetranucleotides, model 2175
ethidium, footprinting, low temperatures, discrimination between sequences 491
porphyrin compound, DNA sequence preferences, footprinting 2221
Introns,
group I, nomenclature/secondary structure diagrams conventions 7217
periodicities 7581

Karyotype comparison,
Plasmodium chabaudi, *Plasmodium falciparum*,

karyotype comparison, analysis/repetitive sequences 2203
Keratin 19,
cDNA, sequence, human 10058
Klebsiella pneumoniae,
nifH genes, promoter, upstream sequences, mutational analysis 9945
Kluyveromyces lactis,
linear DNA killer plasmids, pGKL1, pGKL2, immunity determinants, expression/identification 1031
plasmid kl, RF1 genes, function 10046
plasmids pGKL1, DNA polymerase 9088
URA 3 genes, sequence 8573

β-Lactam antibiotics,
inhibition-DNA polymerase α, eukaryotic cells 10495
Lectin,
Pisum sativum seeds, genes, nucleotide sequence 7642
Leghaemoglobin I,
Lupinus luteus, cDNA, nucleotide sequence 6742
Legionella pneumophila,
rRNA 5S, nucleotide sequence 1335
Leishmania major,
dihydrofolate reductase – thymidylate synthase genes, 5′ region, nuclease S1 mapping, sequence 3369
Leucyl-tRNA synthetase,
genes, *Escherichia coli*, cloning/nucleotide sequence 10199
Leukemia,
acute myelocytic, *ras* genes/concurrent mutations 5669
Levanase,
Bacillus subtilis, genes, fragment, nucleotide sequence 9606
Lipocortin I,
cDNA, rat 7637
Lipoprotein lipase,
genes, RFLPs 9102
genes, RFLPs, 8p22 6763
Listonella (Vibrio) aestuarianus,
ATCC 35048, rRNA 5S, nucleotide sequence 1879
Lupinus luteus,
leghaemoglobin I, cDNA, nucleotide sequence 6742
seeds, valine accepting tRNA, nucleotide sequence 1333
Luteinizing hormone,
β subunit, cDNA, nucleotide sequence/homology, dog 10602
Lymphocytes,
immunoglobulin E receptor genes, structure, human 7295
Lymphoid cell lines,
V_K-J_K joining reactions, reciprocal recombination products 1

Maize,
toxin resistance/fertility reversion, correlation-*Awl* fragment transcription changes 6091
Major histocompatibility complex,
RT1.Dα^a, structure/mRNA levels, diabetic BB rat 10551
Medicago sativa,
leghemoglobin III, cDNA, nucleotide sequence 3620
Medullasin,
genes, nucelotide sequence, human 9601
Mesembryanthemum crystallinum,
cDNA, *rbcS* genes, nucleotide sequence 6301
Metallothionein,
genes, DNA repair, Chinese hamster ovary cells 10021
Metallothionein-I,
genes, transcription, inhibition-novobiocin, mouse 8547
Methionyl-tRNA synthetase,
Escherichia coli, tRNA binding site 10523
Methyl transferase,
Micrococcus luteus, chemical adaptation-induced, identification/characterization 9471
N-methyl-4-aminoazobenzene,
poly (dG-dC) circular dichroism modification 7125
Micrococcus luteus,
DNA glycosylase 6607
methyl transferase, chemical adaptation-induced, identification/characterization 9471
β2-Microglobulin,
cDNA, nucleotide sequence, rat 7638
Midisatellite sequence,
human, characterization 2537
Minichromosomes,
MTV, glucocorticoid receptor containing, isolation/characterization 6957
Mitochondria,
biogenesis, mRNA, *oli*1, yeast, mutation in 5′-untranslated region, impairment in translation 1965
cytochrome oxidase subunit I genes, nucleotide sequence, wheat 6734
DNA, size heterogeneity, Raji cells 10345
maize, S1-plasmid specific DNA polymerase 6758
Neurospora crassa, premRNA, processing 7249
Podospora anserina, group I introns, maturase-related polypeptides genes 6743
proteins, genes 10083
rRNA, honeybee, nucleotide sequence 2388
Saccharomyces cerevisiae, tRNA genes, transcription 6387
Saccharomyces cerevisiae, tRNA genes, transcription/RNA processing 7381
Modification enzymes,
*Eco*RII, genes, expression, nucleotide sequence 313
Monoclonal antibodies,
triplex DNA, eukaryotic chromosomes, binding 1047
Mouse mammary tumour virus,
proviral sequences, nonrandom distribution in mouse genome 3009
Mu C operon,
DNA, sequence 7198
Mucor racemosus,
EF-1α genes, sequence analysis 9997
Murine J-chain protein,
cDNA, homologous genomic clone, construction of full coding information 1876
M1 muscarinic acetylcholine receptor,
genes, sequence, human 10604

Muscular dystrophy,
Becker/Duchenne, genes, analysis 9761
Duchenne, genes, cloning/characterization 9129
Mycoplasma,
strain PG50, *rrn*A operon, 3′ end, nucleotide sequence 1327
Mycoplasma hyopneumoniae,
rRNA 16S, nucleotide sequence 3918
Mycoplasma mycoides* sp. *Capri,
i-oleucine tRNA, sequence 5488
Myeloperoxidase,
human, cDNA, characterization of clones, predicted amino acid sequence, evidence for multiple mRNA species 2013
Myosin,
heavy chain, genes, altered DNA conformation 8069

Neomycin phosphotransferase,
genes, transcription, control-ribulose-1,5-bisphosphate carboxylase small subunit genes 6501
Neurospora crassa,
ribosomal protein genes, isolation/characterization 9027
premRNA, mitochondria, processing 7249
Newcastle disease virus,
L genes, nucleotide sequence analysis, homology/Sendai virus/vesicular stomatitis virus 3961
Nicotiana,
nuclear, DNA sequences, homology to 5′ half of $tRNA^{Tyr}$/derivation 5477
Nicotiana tabacum,
ribulose bisphosphate carboxylase small subunit genes, pseudogene characterization 8661
Nitrobacter winogradskyi,
rRNA 5S, sequence 9597
Nitrogen mustards,
sequence selective alkylation-DNA guanine-N7 positions, mechanism 10531
Nodulins,
nodulin-26, peribacteroid membrane, expression, independent of peribacteroid compartment development 813
Novobiocin,
inhibition of interactions, yeast TFIIIB sequestration, transcription complex formation 1493
transcription factors, TFIIIA and TFIIIC, class III genes 4365
Nuclear factor I,
binding, interference, 5-bromodeoxycytidine incorporation, adenovirus 2 7223
Nuclease S1,
mapping, sequence, dihydrofolate reductase − thymidylate synthase genes, 5′ region, *Leishmania major* 3369
Nucleic acid hydridization,
assay 6883
Nucleic acids,
electroelution 6759
immobilized, hybridization properties 5373
site-directed chemical modification, oligo(dT)$_7$-porphyrin derivatives 8643

Nucleopeptides,
preparation via H-phosphonate intermediates, model study 1807
Nucleoside analogues,
branched-chain-sugar, synthesis 2157
Nucleosides,
modification, detection, RNA sequencing methods 7649
S-3′-deoxyadenosyl-L-homocysteine analogues, synthesis 1121
single crystals, conformation analysis 8577
synthesis, 2′-deoxy-3,7-dideazaguanosine and related compounds, direct glycosylation of pyrrole precursor 1217
Nucleosome core particles,
interaction with distamycin, echinomycin, analysis of effect of DNA sequences 885
Nucleosome cores,
d(CG/GC)$_{12}$ sequences, organization 8899
Nucleotide sequence,
bacteriophage T4, nucleotide sequence 6736
methyl coenzyme M reductase genes, cluster, nucleotide sequence 4350
Nucleotides,
single crystals, conformation analysis 8577

Oenothera,
ATPase subunit 6, genes, nucleotide sequence 9092
Oligo(dT)$_7$-porphyrin,
derivatives, site-directed chemical modification, nucleic acids 8643
Oligodeoxynucleotide duplexes,
structure/hydration 6589
Oligodeoxynucleotides,
conjugate-acridine, inhibition-influenza virus type A cytopathic effect 9909
covalent linkage, intercalating agent 6149
α-/β-, degradation, *Xenopus laevis* oocytes 10507
^{15}N labelling, DNA-ligand interactions, NMR 6225
methylated sequences, cleavage, restriction endonucleases 7091
probes, RNA hybridization 9091
synthesis, guanine modification 8333
Oligodeoxyribonucleosides,
methylphosphonates, n.m.r./u.v. spectroscopic studies, *Rp*-*Rp*/*Sp*-*Sp* methylphosphonate modified duplexes 4915
Oligodeoxyribonucleotides,
5′-aminoalkyl modified, synthesis 6181
A-fa-T, melting temperatures, sequence dependent electrophoretic mobilities 105
degenerate base containing, stability 8167
1,3-propanediol/nucleoside substitute 3113
synthesis, phosphotriester method, polystyrene support 6209
synthesis, protected 5′-mercapto-2′,5′-dideoxyribonucleoside-3′-O-phosphoramidites 4837
synthetic, 3′ ends, thiol specific probes/efficient methods for attachment 5305
terminal phosphates, synthesis/characterization, duplex formation, n.m.r./u.v. spectroscopic/thermodynamic analysis 3531

unnatural α-anomeric/synthesis, four usual bases, substrate activities/nucleases 3421
α-/β-anomeric, hybridization, mRNA 10419
Oligonucleotide synthesis,
phosphoramidite coupling reaction, mechanistic studies, evidence for nucleophilic calatysis 1729
Oligonucleotides,
abasic site, conformation 8003
3′-amino-3′-deoxynucleotides (GC and CG), dimers, aqueous solution, oligomerization 1699
conformation, central G-T base pair/non-mismatch sequence/comparison, proton n.m.r. 3397
conformation/base pair opening dynamics, n.m.r./spectroscopy 9011
covalent attachment/solid supports 5353
decivatizable uracil nucleoside, synthesis/application 6455
DNA duplexes, 19 base paired, dissociation kinetics 797
duplexes, n.m.r. 7531
enzyme-linked probes, non-radioactive detection/enterotoxigenic *Escherichia coli*, faecal specimens 5275
immobilization of DNA 2891
ligation, AP sites/mispaired bases, bacteriophage T4 DNA ligase 8755
methylated cytosine containing, synthesis/characterization 8467
minor-groove-modified, synthesis/decadeoxynucleotides, interaction/restriction endonucleases 3059
N^4-methylcytosine, n.m.r and c.d. studies 2191
single stranded, cleavage, *Eco*RI restriction endonucleases 709
synthesis, final deprotection step, reduction to mild and rapid ammonia treatment use of labile base-protecting groups 397
synthesis, iodine/water oxidation reagent 7203
synthesis, primary amino group/5′ terminus 3131
synthetic single stranded DNA, highly radioactively labelled RNA hybridization probes, synthesis 858
thymine photodimer, exchangeable protons, n.m.r. study 4645
Oligoribonucleotides,
solid-phase synthesis, phosphoro-*p*-anisidate method, tetrahydrofuranyl protection of 2′ hydroxyl groups 3761
synthesis, bacteriophage T7 RNA polymerase/synthetic DNA templates 8783
synthesis, solid phase 7235
Oncogenes,
A-*raf*-1, human, complete coding sequence, A-*raf* carrying retrovirus, transforming activity 595
induced transin genes, sequences, conservation in related rat gene 1139
myb, -specific probes 1329
***Oryza sativa*,**
DNA, homology, rRNA 5S/tRNA 5913
Ovalbumin,
mRNA, aminomethyltrimethylpsoralen photoreaction effects on 8417
Ovotransferrin,
genes, nucleotide sequence, chicken 7643
***Oxytricha*,**
DNA, telomeres, coherence 8877

Parainfluenza virus 3,
matrix protein genes, human, nucleotide sequence 3182
***Paramecium primaurelia*,**
macronuclear DNA, telomeric site position heterogeneity 1717
Patatin,
genes/two classes, differential expression in tubers and roots 1979
***Penicillium chrysogenum*,**
trpC genes, complete nucleotide sequence 1874
Phenylketonuria,
GT to AT transcription/splice donor site 5613
Pheromones,
α mating pheromone, *Saccharomyces kluyveri*, genes, nucleotide sequence 6303
Phorbol 12-myristate 13-acetate,
chloramphenicol acetyltransferase genes stimulation, cell lines 9043
Phosphoenolpyruvate carboxykinase,
Drosophila melanogaster, nucleotide/amino acid sequence 6745
gene expression, control-glucocorticoids 6405
Phosphoglycerate kinase,
yeast, genes, upstream activation site 6855
Phospholamban,
cDNA, sequence, heart, dog 6738
Phospholipase A2,
porcine pancreatic, expression, generation of active enzyme 3743
snake venom, cDNA sequence 5892
Phosphorothioate analogues,
Rp-uridine 3′,5′-cyclic phosphorothioate/absolute configuration 4945
***Physarum*,**
RNA U6, nucleotide sequence 371
***Physarum polycephalum*,**
amoebal-plasmodial transition, differential gene expression 933
DNA, telomeric sequence, identification 9143
histone genes, H4, interruption by intervening sequence 5478
histones, postsynthetic acetylation, cell cycle 8351
***Pichia pastoris*,**
methanol-regulated promoters, *lacZ* genes/expression 3859
Pilin,
Bacteroides nodosus, genes, nucleotide sequence 7189
***Pisum sativum*,**
lectin, genes, nucleotide sequence, seeds 7642
Plants,
gene expression, analysis, vectors 8115
genes, polyadenylation signals 9627
genes, TATA box/translation start site 6643
Plasmids,
Bacillus subtilis, DNA 6349
DNA sequences, refractory GC rich regions 2779
Halobacterium, etoposide effects on 8217

IncP RP4, R751, genetic organization, conservation of common backbone 2385
kl, *Kluyveromyces lactis*, RF1 genes, function 10046
L factor, DNA, maintenance 8815
linear DNA killer, pGKL1, pGKL2, *Kluyveromyces lactis*, immunity determinants, expression/identification 1031
linker scanning mutants, new method for construction 417
mutagenesis, cellular genes, transfected eukaryotic cells 561
orthogonal-field-alternation gel electrophoresis 8387
pAmβ1, *Streptococcus faecalis*, adenine methylase genes, sequence 3177
pBR322, DNA, simian virus 40, inhibition of gene expression, *Xenopus laevis* oocytes 1579
pCTT1, *Chlamydia trachomatis*, dnaB-like proteins, genes 10596
pGKL1, *Kluyveromyces lactis*, DNA polymerase 9088
pKM101, IS46-promoted deletion of R46 5479
plasmid pLJ3, *Eco*RI fragment, nucleotide sequence 7185
plasmid pXT1, retrovirus vectors 7194
pLS1, streptococcal, DNA/conversion of single stranded to double stranded, initiation signals 5561
pNS1981/pUB110, antibiotic resistance genes, flanking regions, nucleotide sequence 7202
pPyLT1, transgenic mice, autonomously replicating elements 5482
pRL6JI, *Rhizobium leguminosarum*, *fix*ABC, *nif*A, *nif*B genes, DNA, partial sequence 31
pSV2-neo, pBR322, cryptic site, polyadenylation, SV40 late poly(A) signal, prevention of utilization 631
pT181-encoded RepC protein, cleavage/single-stranded DNA 4085
pTiA6, *Agrobacterium*, *VirE* operon, characterization 825
pUC, clones, screening 6753
R100, genes, fertility inhibition 2029
R1162, DNA synthesis, initiation sites 8319
R46, antibiotic resistance genes, nucleotide sequence, comparison-IncW plasmids/Tn21-like transposons 7491
R64, DNA segments, multi-inversion, Shufflon, creation of 7 open reading frames 1165
RK2, *KorB* genes, nucleotide sequence 7443
S1, DNA polymerase, mitochondria, maize 6758
SP6 promoters, gene insertion/transcription initiation site 2279
supercoiling, *Escherichia coli*, human genomic fragment co-amplified with c-Ki-ras/isolation 3411
Ti, *Agrobacterium tumefaciens*, *virD* operon, characterization 7503
topological perturbation, changes in response/prokaryotic, eukaryotic DNA, supercoiling 5105
wild isolate/*Dictyostelium*, new type, closely situated long inverted repeats 1097
***Plasmodium chabaudi*,**
Plasmodium falciparum, karyotype comparison, cDNA, analysis/repetitive sequences 2203
***Plasmodium falciparum*,**
hypoxanthine-guanine phosphoribosyltransferase, cDNA, characterization/comparison 10469
Plasmodium chabaudi, karyotype comparison, cDNA, analysis/repetitive sequences 2203
Plastids,
maize, encoded *rps*3 locus, sequence 4689
maize, *rpl*16 locus, sequence, first exon, part intron 5896
*rpl*22 locus, maize, sequence 4356
***Podospora anserina*,**
maturase-related polypeptides genes, mitochondria group I introns 6743
Poliovirus 3C proteinase,
in vitro molecular genetics, determination of differential cleavage specificities 2069
Poly (dG-dC),
circular dichroism, modification-N-methyl-4-amino-azobenzene/4-aminobiphenyl 7125
Poly d(A-C).d(G-T),
vacuum u.v. circular dichroism 7627
Z form, Raman spectroscopy 5813
Poly(dA).poly(dT),
anomalous structure/properties, computer simulation/polynucleotide structure 293
cellular/synthetic DNA, B′-conformation 6063
structure, condensed state/in solution 5833
Poly(rG-dC).poly(rG-dC),
structure, tetraalkyl ammonium ions/influence, unexpected transitions/Z, A and B conformations 3907
Polyamines,
spermine-polynucleotide interactions, stopped flow H-D exchange kinetic study 5873
Polydeoxynucleotides,
vacuum u.v. circular dichroism 7627
Polyhedrin,
genes, *Autographa californica* nuclear polyhedrosis virus, promoter, analysis 10233
Polymerase SP6,
transcription vector, DNA inserted two bases down from initiation site, transcription *in vitro* 1337
Polyoma virus,
DNA replication 6369
early proteins, viral/cellular promoter activity, regulation 1595
late leader exon, importance of length but not sequence/RNA splicing and stability 2593
RNA, alternative splicing 8566
Polypeptides,
maturase related, genes, mitochondria group I introns 6743
Polyribonucleotides,
synthetic, interaction of ethidium, base specificity 5803
Poly[d(AT)],
analogues, alternating conformation 4325
Porphobilinogen deaminase,
genes, human, *Pst*I polymorphism 6307
Preproparathyroid hormone,
cDNA, nucleotide sequence, pig/rat 6740
Procollagen type II,
genes, polyadenylation site, human 9499

Profilin,
Saccharomyces cerevisiae, cDNA/amino acid sequence 9078
Promoters,
16 kd gene, chromosomal replication/involvement in initiation, *Escherichia coli* strains/B/r-derived replication origin 4901
adenovirus, binding, TATA sequence 8367
adenovirus-2, interaction-transcription factors 7761
cytomegalovirus immediate early gene, *Drosophila melanogaster*, cultured cells 2392
early EIIa, adenoviruses, binding g specific cellular proteins 509
Escherichia coli glutamine permease operon *glnHPQ*, two transcriptional start sites 2777
Escherichia coli, sequences, analysis 2343
Escherichia coli, upstream, sequence distribution/DNA curvature 785
eukaryotic, regulatory elements, functional analysis, CAT constructions/multiple unique restriction sites 5490
hepatitis B virus, surface gene, enhancer sequence 2261
human transposon-like sequence, transcription 5199
methanol-regulated, *Pichia pastoris*, *lacZ* genes/expression 3859
milk protein genes, binding, nuclear proteins/actating mammary glands 2103
MMTV, transcriptional repression 6973
protein IX, adenovirus 2, activation, DNA replication in transient expression assay 2235
simian virus 40, activity, role-GC-motifs 8177
SP6, studies using new plasmid vector, gene insertion/transcription initiation site 2279
tet R, pSC101, *Escherichia coli* RNA polymerase, characterization of steps in complex formation 575
tyrosine hydroxylase genes, identification/cell type specificity 2363
Prostatic binding protein,
rat, C2 genes, flanking regions, complete sequence 1627
Protamine 1,
cDNA, nucleotide sequence, human 7639
Protein kinase C,
genes, nucleotide sequence, human 7179
Proteins,
acyl carrier protein, *Brassica campestris* seeds, cDNA, nucleotide sequence 7197
calcium binding protein, mRNA, characterization, mouse cells 6677
CCAAT box-binding protein, properties 7265
DNA terminal protein, bacteriophage PRD1, primary structure 8999
dnaB-like, genes, pCTT1, *Chlamydia trachomatis* 10596
FLP protein, purification/properties 6469
gene-5 protein, Raman spectroscopy 7605
γ-globin promotor-binding, human 9349
HMG-17, cDNA sequence, chicken 6750
HMG1, cDNA, nucleotide sequence, rat liver 9077
interaction-DNA, role-thymine methyls 9975
mitochondria, genes 10083
NS1, bluetongue virus, genes, nucleotide sequence 7207
nuclear cap binding, identification, HeLa cells 6489
nuclear, interaction-internal enhancer, Rous sarcoma virus 9841
octamer sequence-binding, purification, human B cells 10105
p67, purification, human 10145
protein G, *Streptococcus*, genes, nucleotide sequence 7210
protein M/protein P, genes, *Escherichia coli*, sequence, comparison 8568
protein p4, bacteriophage φ-29, purification 7781
spermine binding protein, gene expression, androgen regulated, mouse prostate 7709
TGGCA, purification, chicken liver 9707
VP4 core protein, genes, bluetongue virus, nucleotide sequence 7206
Z-DNA-binding, isolation/characterization, bull testis 9691
Proto-oncogenes,
c-*fos*, chromatin association, DNA binding properties 277
c-*sis*, human, DNA, upstream, nucleotide sequences 4349
c-*sis*, transcription unit, genetic organization 959
replication, S phase, mammalian cell lines 87
$(Pr^i_2N)_2POCH_2CH_2CN$,
improved synthesis 3626
***Psammechinus miliaris*,**
RNA, processing, *Xenopus* oocytes 8305
Pseudogenes,
C-reactive protein, human, DNA sequences 5895
cytochrome *c* oxidase, rat, homology, *urvB* genes, *Escherichia coli* 6748
human, rRNA 5S, nucleotide sequences 6297
RFLPs, HPRTP1, chromosome 3 1346
ubiquitin Ub B, processed, human, nucleotide sequence 4352
***Pseudomonas aeruginosa*,**
dna B-like protein 385
exotoxin A regulation, *tox*R genes, nucleotide sequence, characterization 2123
infection, cystic fibrosis, *algD* genes, transcriptional regulation, nucleotide sequence 4567
rRNA 23S, genes, nucleotide sequence 7182
sequence, 6s RNA gene 4583
***Pseudomonas savastanoi*,**
DNA, insertion elements, nucleotide sequence, homology-*Agrobacterium tumefaciens* 10591
Psoralens,
effects on RNA polymerase transcription, *Escherichia coli* 6843

***Rattus norvegicus*,**
B1 and B2 repeats, consensus sequences 2772
Recombinase,
site-specific, homology-transposon Tn2603/R46 ORFs 10055
Replication origin,
oriC, *Escherichia coli*, transcripts 2479

Restriction endonucleases,
*Apa*I, cleavage, inhibition-*dcm* methylation 9087
apurinic/apyrimidinic, calf thymus, purification, amino-terminal amino acid sequence 5529
*Asp*718, cleavage, *E. coli* Dcm methylation sensitivity 9085
Bacillus sphaericus, BspXI, BspXII 3919
*Bal*31, deletion analysis 8564
*Ban*I, *Hgi*CT, cleavage site 5492
*Bst*FI, isolation/identification 7205
*Ceq*I, isoschizomer of *Eco*RU, isolation/purification 1334
*Cvi*II, cleavage site 10063
*Cvi*JI, induction, *Chlorella*, IL-3A virus infection 6075
*Eco*RI, cleavage, single stranded oligonucleotides 709
interaction/decadeoxynucleotides, minor-groove-modified oligonucleotides 3059
pulsed field mapping, genomes, bacteria 5985
*Pvu*II, specificity 7677
rare-cutting sites, overabundance, human genome 1173
recognition/cleavage, decadeoxyribonucleotides, N^6-methyladenine, N^4-methylcytosine, 5-methylcytosine, synthesis 219
type II, *Acinetobacter lwoffi* 7201
type II, DNA/5' extensions, improved cloning selectivity, cross index 3199
Restriction enzyme analysis,
high mol. wt. bacterial chromosomal DNA, rapid biochemical method 3631
Restriction enzymes,
isoschizomers r189
Restriction fragment map,
progress towards construction, chromosomes, human 1363
Restriction–modification enzymes,
site-specific methylation, effects r219
Restriction–modification system,
*Dde*I, nucleotide sequence/methylase characterization 8249
*Taq*I, cloning/sequencing/expression 9781
Retroposons,
non-viral, human, structure/organization 8725
Retroviruses,
A-*raf*, human, transforming activity 595
derived non-viral retroposons, human, structure/organization 8725
RFLPs,
12p12–12pter, Von Willebrand factor 9099
14q11 6760
16q24, *aprt* genes 9615
17q11–17q22, human, HOX2 locus 6311
17q23–qter, D17S21 9096
19cen–19q13.2 6769
1p33, human erythrocyte glucose transporter 9101
213-274EC, 5p15.2-5p15.3 1345
21q21, Alzheimer's disease 9103
2q37, alkaline phosphatase, human placenta 9104
4c11, D654, 6p12–6p21 5902
4p16.3, D4S10, Huntington's disease 9100
4q26–qter, D4S112 8122
5'-bcr gene sequence, 22q11/5' region, D22S11 1883
5q11–5q13 6765
7p13–7q22 6764
7q11–q22 6768
8p22 6763
8p22, lipoprotein lipase 7657
AAT gene, 14q24.3-32.1, 14q32.1-32.2 4701
Acta, mouse, not mouse chromosome 1 1881
alpha spectrin 3021
E1, 1_q22-1_q25 4696
anonymous DNA segment E88, D2S17, 2q24–q33, 5908
anonymous probe E28, D2S16, 2q11–q14 5907
anonymous sequence, chromosome 7, D7S19, pTS119 2784
anonymous sequence/phage γL47-1, 11q13–q14, D11S37(E79) 2400
anonymous single copy probe, 4q22–q31.2, D4S66 861
Apa I, immunoglobin VH3, 14q32.3–14qter 4697
ApaLI, 19p13.1–13.3 2782
ApoAT, chromosome 11 381
apoC1, chromosome 19 1344,1884
c-ets-1, 11q23–q24 5905
cCW147, chromosome 5, D5S9 2399
cDNA pMP1, cytochrome p450 genes, chromosome 15 5901
cholesteryl ester transfer protein, localization unknown 4698
chromosome 12, α-tubulin 8119
chromosome 1p 9623
chromosome 1p, D1S60, isolation/mapping 9619
chromosome 1p, human tissue factor 9098
chromosome 1q, D1S58, isolation/mapping 9620
chromosome 1q, D1S65, isolation/mapping 9621
chromosome 1q, D1S66, isolation/mapping 9622
chromosome 2, apolipoprotein B genes 9618
chromosome 2, D2S44, isolation/mapping 10073
chromosome 2, D2S45, isolation/mapping 10075
chromosome 2, D2S46, isolation/mapping 10074
chromosome 2, D2S47, isolation/mapping 10072
chromosome 2, D2S48, isolation/mapping 10078
chromosome 2, D2S54, isolation/mapping 10077
chromosome 2, D2S55, isolation/mapping 10076
chromosome 3 p14.2–qter, apolipoprotein D genes 9617
chromosome 3, D3S30, isolation/mapping 10079
chromosome 5, D5S1 6767
chromosome 5, short arm, DNA, identification of fragments 4617
chromosome 7, D7S374 8121
chromosome 8, D8S38, isolation/mapping 10080
CLU1, chromosone 8, D8S9 2396
cpX73, DXS159, Xq11–q12 5903
D10S4, p1-101, Iopter–q23 2783
D10S5, 10q21.1 5498
D11S37(E79), anonyomous sequence/phage γL47-1, 11q13–q14 2400
D12S10, OL11, chromosome 12 2398
D14S14, Fr7-74, chromosome 14 5500
D19S15, pJSB6, 19 cen–19q13.2 3193
D19S16, pJSB11, 19cen–q13.2 3192

D1S33, P1, 2-2, 1p13−p21 5904
D21S82, Fr8-77, human chromosome 21 5499
D2S16, anonymous probe E28, 2q11−q14 5907
D2S17, anonymous DNA segment E88, 2q24−q33 5908
D4S62, polymorphic DNA probe, chromosome 4p16 3938
D5S26, TT227, 5q14-5q32(provisional) 3939
D5S9, cCW147, chromosome 5 2399
D654, 4c11, 6p12−6p21 5902
D7S19, anonymous sequence, chromosome 7, pTS119 2784
D8S9, CLU1, chromosone 8 2396
DHFR, 5q11−q22 5906
DXS1, p^8, Xq11−Xq13 4695
DXS159, cpX73, Xq11−q12 5903
DXS94, pXG-12, X-chromosome clone, $Xq^{11}-q^{21}$ 4694
erb-A1 genes, 17q12−q21 863
Fr7-74, chromosome 14, D14S14 5500
Fr8-77, human chromosome 21, D21S82 5499
H.4IRBP, chromosome 10 3196
H3F2, H4F2, 1q21 5900
HEXB, pSP64, chromosome 5q13 3194
HPRTP1, chromosome 3 1346
human estrogen receptor genes, chromosome 6 866
human LDL receptor gene, Bst EII, chromosome 19, p13.1−p13.3 4702
L/B/K ALP, chromosome 1 860
lipoprotein lipase 9102
*mdr*2 associated, chromosome 7, human 6305
MSP, X-linked proteolipid protein genes, Xq21.2−Xq22 1882
MT2A, 16q21 1350
murine C-*myb* locus 4700
NST70, human collagen I gene, 17q21.31−2205 4699
OL VII A8, 18q11, D18S7 1343
OL VII E10, 18q21.3, D18S8 1348
OL11, chromosome 12, D12S10 2398
P1, 2-2, D1S33, 1p13−p21 5904
p1-101, Iopter−q23, D10S4 2783
p144-D6, 17p13, D17S34 10605
p380-8A 1.8 SaSs, 8q24 5′ of c-*myc* gene 865
p4.8, chromosome 20, D20S14 7213
p56H2.4, 11p13 7651
p^8, DXS1, Xq11−Xq13 4695
pAT-A, chromosome 6, short arm, HLA region 2395
pB12, 18q1 375
pBR322, 11p15, insulin-like growth factor II 7655
pBR322, chromosome 5, D5S4 6762
pBR329, p13−p15 7653
pC7-1, chromosome 19 3940
pcHB 235, hDHFR-ψ_1 pseudogene, human chromosome 18 5501
pCKBL101, chromosome 14 5502
pEA974, chromosome 20p 3191
pEFD126.3, chromosome 9q, D9S7 10607
pEFD40.3, chromosome 9, D9S8 10612
pEKZ130, chromosome 9, D9S9 10611
pEKZ19.3, chromosome 9q, D9S17 10610
pERT 87-8, Xp21, DXS 164 862
PF4, 4q11−q21 380
pFH154, 2q34−36 6761
pG14E1.9, 13q14.1−13q14.2, D13S22 382
pGCF22, 2q14−q21 1880
pGK-4, (PGR1P2), 6p23-q12 3941
pHG529, 17cen−qter, gastrin 7652
pHHH220, 9q, D9S27 10606
pHM20, 2p23−pter, D2S12 864
phMnSOD4, 6q21, manganese superoxide dismutase 7654
pHT-21, 13q32.3->qter 5497
pHtk9, 17q21−q22 7212
pJSB11, 19 cen−q13.2, D19S16 3192
pJSB6, 19 cen−19q13.2, D19S15 3193
plasmid A, *Pim-1* locus, mouse chromosome 17 3195
pLDLR-2HH1, 19p13 376
pLDLR-2HH1, 19p13.1−13.3 3943
pLDLR-2HH1, LDL receptor genes, human 10067
pLDLR3, 1913.1−13.3 379
pLDLR3, 19q13.1−13.3 7659
pMC1, 19p, D19S14 378
pMCT112, chromosome 9q, D9S15 10614
pMCT136, chromosome 9q, D9S10 10613
pMHZ10, chromosome 9q, D9S11 10609
polymorphic DNA probe, chromosome 4p16, D4S62 3938
porphobilinogen deaminase genes, 11, q23-qter region, human 1349
pPM6.7, 19cen−q13.2, D19S18 8120
PPY cDNA clone, 17p11.1−17qter 7650
pRRFs, Hox-2.1 locus, cosegregation with Dlb-1 locus/mouse chromosome 11 2397
pTV20, D4S10 marker, 4p16, Huntington's Disease 377
pUC9, chromosome 1, natriuretic peptides 7656
pUC9, chromosome 10, P450IIE1 genes, human 10071
pUR291, chromosome 21 7658
pVWE6, 12p12−12pter 5909
pVWE6, 12p12 \ pter, human 6766
pXG-12, X-chromosome clone, DXS94, $Xq^{11}-q^{21}$ 4694
pXUT23-2.1, Xp22.1−Xp22.3 9614
pYNM17, chromosome 9q, D9S6 10608
pλKP20.1, chromosome 19, D19S25 9105
pα2M1, chromosome 12 374
*Taq*I fragment, 17q23−qter, D17S20 9097
*Taq*I, chromosome 9, DR47, human 6310
TcR-$_\alpha$ locus, Jα region, 14q11 3190
TGFA, 2p13 5503
thyroglobulin cDNA, 8q24 373
TT227, 5q14-5q32(provisional), D5S26 3939
von Willebrand factor genes, 12p12-12pter 1347
Xp11.3−Xcen, DXS255 9616
λEMBL3.123, chromosome 4, D4S64 1342
λEMBL3.303, chromosome 2, D2S14 1341
xlight chain constant region IGKC, chromosome 2/short arm 3942

Rhizobium,
nod genes, expression, regulation 9677

Rhizobium leguminosarum,
dctB/*dctD* genes, products, homology 7921
*gln*A, putative regulatory gene, tight linkage 1951

symbiotic plasmids, pRL6JI, *fix*ABC, *nif*A, *nif*B genes, DNA, partial sequence 31
***Rhizobium trifolii*,**
nifA genes, upstream, ferredoxin-like protein 3180
***Rhodococcus erythropolis*,**
rRNA 5S, nucleotide sequence 365
Ribonucleases,
5′—3′ exoribonuclease, human placental nuclei, purification, substrate specificity 695
Ribonucleoprotein,
U1-70K snRNP, cDNA, isolation/analysis, human 10373
Ribonucleoproteins,
UsnRNP, molecular relationships, rabbit antisera, peptide mapping 4021
Ribonucleosides,
wyosine related, n.m.r. 9075
Ribonucleotides,
N-benzoylimidazole, reaction mechanism 4291
nona(2′-*O*-methyl)ribonucleotides,
RNA hybridization/synthesis 6131
Riboprobes,
metallothionein-specific, human 5491
Ribosomal proteins,
genes, activation sites, yeast 6037
genes, *Dictyostelium*, nucleotide sequence/characterization 10285
genes, *Neurospora crassa*, isolation/characterization 9027
L11, operon, *Escherichia coli*, translational regulation, mutations defining target site/repression by L1 3085
L14, *Xenopus laevis*, genes, nucleotide sequence 1870
L20, *Euglena gracilis* chloroplast genes, nucleotide sequence 3927
L36, genes, nucleotide sequence, pea chloroplast 9080
mammalian ribosome L3, genes, cloning/characterization, human fetal/neoplastic cells 8919
mouse S6, complete sequence 4990
rp21C, *Drosophila*, cDNA/amino acid sequence 10064
S2, genes, *Triticum aestivum* chloroplast, nucleotide sequence 10590
S4, *Escherichia coli*, rRNA 16S-binding fragment 10331
S4, maize chloroplast genes, transcription analysis 1853
S8, primary structure, rat 9451
S11, genes, pea chloroplast DNA, nucleotide sequence 1873
S13, genes, wheat mitochondria 10393
Schizosaccharomyces pombe, cDNA, sequence 9089
synthesis, transcriptional control, carbon-source upshift, yeast 10133
Ribosomes,
genes, promoter, *Xenopus laevis*, linker scanner mutageneis 7429
Tetrahymena thermophila, catalytic core, structure 9825
transcription, enhancement-RNA polymerase I recycling 9577
Ribulose bisphosphate carboxylase,
small subunit, *Nicotiana tabacum*, pseudogene characterization 8661
Ribulose -1,5-bisphosphate carboxylase,
small subunit genes, control-neomycin phosphotransferase transcription 6501
Ribulose-1,5-bisphosphate carboxylase/oxygenase,
small subunit, genes, nucleotide sequence, sunflower 7181
RNA,
adenovirus/HeLa cells, splicing intermediates, quantitation/distribution 7103
discrete high mol. wt, transcribed from L1Md 2581
DNA packaging machine, characterization, bacteriophage ϕ-29 7081
end-labelling, ligase activities, circular
rRNA/whole cell extracts/trypanosomes 3275
Epstein—Barr virus, clustered alternative splice sites 5887
genomic, secondary/tertiary structure, foot and mouth disease virus 7067
hairpins, single base bulges, ethidium binding/enhancement, allosteric transition/promotion 4049
Hantaan virus 76-118 genome, M segment, nucleotide sequence 6299
human transposon-like sequence, transcription, directed by other promoters 5199
*mic*F genes, *Escherichia coli*, isolation, characterization 2089
mini-exon donor, *Trypanosoma brucei*, analysis 9861
mutation, enhancement-RNA-protein interaction 10483
oligodeoxynucleotides probes hybridization 9091
phosphorothioate-substituted, stereospecificity of nucleases, transcription by T7 RNA polymerase/stereochemistry 4145
plant small nuclear, broad bean, RNA U2, complete primary and secondary structure, phylogenetic/functional implications 1332
polyoma virus/simian virus 40, alternative splicing 8566
protein cross-linking, *Escherichia coli*, 30S ribosomal subunits 3221
protein cross-linking, *Escherichia coli*, 30S ribosomal subunits 3241
Psammechinus miliaris, processing, *Xenopus* oocytes 8305
ribosomal precursor, macronuclei, *Tetrahymena thermophila*, self-splicing, characterization of authentic intermediate 1905
satellite, cucumber mosaic virus, RNase H cleavage 10048
sequencing 7209
sequencing methods, detection-nucleosides modification 7649
site-directed cleavage 4403
small nuclear, plant, RNA Ub, 4.5S_I-like, nuclei 543
splice junctions, eukaryotes, analysis 7155
structure, determination-psoralen-modified RNA antibodies 9057
structure, mapping 9109
synthesis, DNA oligonucleotide templates 6705

tobacco mosaic virus, 5' leader sequence, enhanced expression/foreign gene transcripts 3257
tobacco rattle virus, tRNA-like properties 2837
transcript, testis, chromosomes, Y, mouse, molecular cloning, sequence analysis 2959
viral, replication *in vitro*, new 'sense' RNA approach/blockage 4123
RNA 2.5S,
1,4-α-glucan branching enzyme, rabbit muscles, nucleic acid component, catalytic activity 1745
RNA 5S,
cucumovirus associated, double stranded, necrogenic variants, temperature-gradient gel electrophoresis 5069
cucumovirus associated, double stranded, detection of sequence variations, optical melting, temperature-gradient gel electrophoresis 5085
genes, nucleotide sequence, flanking regions/histone genes, *Artemia* 3628
genes, $tRNA_i^{met}$, eukaryotic, RNA polymerase III/transcription blocked by base mismatches/intragenic control regions 2059
inhibition of synthesis, 8-methoxypsoralen phototreatment, *Tetrahymena thermophila* 921
Xenopus transcription factor IIIA, definition of binding site 2737
RNA 6S,
genes, sequence, *Pseudomonas aeruginosa* 4583
RNA 16S,
Escherichia coli, protein binding sites, protected regions 3653
RNA 58S,
inhibition of synthesis, 8-methoxypsoralen phototreatment, *Tetrahymena thermophila* 921
RNA genes,
ribosomal, putative promoter elements, *Sulfolobus* sp.strain B12 5581
ribosomal, *Saccharomyces cerevisiae*, mitochondria, effect of point mutations/*in vitro* transcription, promoter 5597
small nuclear, human U2, enhancer/interacting proteins, identification 4997
RNA hybridization,
probes, synthesis, highly radioactively labelled, synthetic single stranded DNA oligonucleotides 858
RNA polymerase,
bacteriophage SP6, cloned gene, nucleotide sequence, expression 2653
bacteriophage T7, active site, labelling 8773
Escherichia coli, *tet* R promoter from pSC101, characterization of steps in complex formation 575
Escherichia coli, transcription, psoralens effects on 6843
interaction, sigma factors, bacteriophage T4-infected *Escherichia coli* 8521
T7, transcription/effect of carcinogenic adducts 4257
RNA polymerase I,
recycling, enhancement-ribosomes transcription 9577
RNA polymerase II,
SV40 origin region, termination of transcription 4417
RNA polymerase III,
eukaryotic $tRNA_i^{met}$, RNA 5S genes, transcription blocked by base mismatches/intragenic control regions 2059
RNA splicing,
RNase H/S1 nuclease combination, circumvents artefact inherent to conventional S1 analysis 1995
RNA T4,
ligase reaction, intermediates formed, synthesis, reactivity 5289
RNA U1,
enhancer-like sequence, properties 2403
RNA U2,
broad bean, complete primary and secondary structure, phylogenetic/functional implications 1332
RNA U6,
Physarum, nucleotide sequence 371
plant nuclei, $4.5S_I$-like 543
RNA viruses,
5'-leader sequences, enhancement-mRNA expression 8693
RNase P,
Saccharomyces cerevisiae, substrate specificity 8845
medRNA,
genes, *Trypanosoma brucei*, associated element, structure/transcription 10179
Trypanosoma brucei, synthesis/processing 10087
mRNA,
adenosine deaminase, expression, regulation, HL-60 cells differentiation 6575
AUG startcodons, sequence context, *Saccharomyces cerevisiae*, compilation/comparison 3581
c-fos, expression, post-transcriptional regulation 1643
chromosomal protein, HMG-17, synthesis, cell cycle regulated 3549
DIF inducible, *Dictyostelium*, genes, structure/function 7463
E1 genes, bovine papillomavirus type 1-infected bovine fibroblasts 8607
electroporation into plant and animal cells, expression 5823
Escherichia coli β-galactosidase, expression, yeast, stability/translation 7963
ethylene-related, tomato, structure, expression 731
expression, enhancement-RNA viruses 5'-leader sequences 8693
β-globin, rabbit, translation inhibition/enzymatic amplification 4717
growth factor I, insulin like, nucleotide sequence, rat 7196
growth related, characterization, mouse cells 6677
μ heavy chain, mouse immunoglobin, regulation of differential processing 4603
immunoglobulin, improved sequencing method 5496
levels, cathepsin D, regulation by oestrogen, breast cancer cells 3773
5'-noncoding sequences, vertebrates 8125
*oli*1, mitochondria, yeast, mutation in 5'-untranslated region, impairment in translation 1965
ovalbumin, aminomethyltrimethylpsoralen photoreaction effects on 8417

polyadenylate binding protein, human, nucleic acid binding motif/evolutionary conservation 4771
Saccharomyces cerevisiae pyruvate kinase, stability/translation 7951
specific and co-operative binding/*Escherichia coli* single stranded DNA binding protein 5241
stability, *Saccharomyces cerevisiae*, influence of translation/poly(A) tail length 2417
thymidine kinase, mouse stable, cell cycle regulated synthesis, medication by sequence within cDNA, 741
thymidylate synthase, human, 5'-untranslated region, triple tandemly repeated sequence, role in translation 1259
translation, *Xenopus* oocytes, 60 kd polypeptide, phosphorylation/blockage 4099
translation–initiation sites, potential secondary structure 345
α-tropomyosin, nucleotide sequence, fast-twitch isoform, chicken 8105
ubiquitin, chicken spermatids 9604
B-globin, rat, sequence 1336

premRNA,
adenovirus, region E3, alternative processing 9397
growth hormone, human, *in vitro* processing 7005
insulin, secondary structure, *in vitro* splicing/psoralen cross-linking, mouse 9279
Neurospora crassa, mitochondria, processing 7249
splicing complex, assembly, cap dependent 1387

rRNA,
circular, whole cell extracts/trypanosomes, RNA, end-labelling/ligase activities 3275
gene promoters, multiple spacer, *in vivo* transcription, *Artemia*, intergenic spacer/early development and evolution 5391
genes, *Escherichia coli*, transcription, t_L mutants 8235
genes, transcription, initiation site, *Artemia* 6007
Giardia lamblia, characterization/structure 7889
honeybee mitochondria, nucleotide sequence 2388
inhibition of synthesis, 8-methoxypsoralen phototreatment, *Tetrahymena thermophila* 921
operon, *Thermoproteus tenax*, gene organization/transcription signals/processing 4821
precursor, *Tetrahymena*, IVS, cleavage reactions, guanosine, modified ribose moieties, reactivity 1559

rRNA 4.5–5S,
Glycine max, intergenic region, structure/evolution 7593

rRNA 5S,
Actinia equina, Sepia officinalis, nucleotide sequence 2773
Caulobacter crescentus/Nitrobacter winogradskyi/Stella humosa/Verrucomicrobium spinosum, sequence 9597
higher order structure, evolutionary changes 161
human, pseudogenes, nucleotide sequences 6297
Legionella pneumophila, nucleotide sequence 1335
Listonella (Vibrio) aestuarianus ATCC 35048, nucleotide sequence 1879
Oryza sativa, homology, DNA 5913
Papilionaceae, 3' portion, heterogeneity, alfalfa, primary structure 362
purple bacteria *Ectothiorhodospira halophila*, *Ectothiorhodospira vacuolata*, nucleotide sequence 367
rape, white beet, nucleotide sequences 363
Rhodococcus erythropolis, nucleotide sequence 365
Vibrio nereis ATCC 25917, nucleotide sequence 4354
Xenopus, promoter binding protein 8679

rRNA 5.8S,
genes, *Cephalosporium acremonium*, nucleotide sequence 9599

rRNA 16S,
Mycoplasma hyopneumoniae, nucleotide sequence 3918
Streptomyces coelicolor, genes, nucleotide sequence 7176

rRNA 23S,
mutations, halobacteria/resistance to anisomycin 2431
Pseudomonas aeruginosa, genes, nucleotide sequence 7182
Thermus thermophilus, processing 7735

rRNA 28S,
formation of stable hybrids *in vitro*, human glutamate tRNA 661

rRNA genes,
Giardia lamblia, unusually compact ribosomal DNA repeat 4065

snRNA U4,
genes, transcription signals, chicken 9239

SnRNA U6 genes,
transcribed by Pol III, *Xenopus tropicalis*, upstream promoter elements/Pol II dependent 2463

tRNA,
anticodon loop, bases independent by genetic criteria 4669
archaebacterial, new fluorescent tricyclic nucleoside, structure determination 683
gene transcription, requirement for A block promoter/dependence on ionic environment 5699
genes, nucleotide sequence, mouse 8562
genes, *Saccharomyces cerevisiae* mitochondria, transcription 6387
genes, *Saccharomyces cerevisiae*, transcription/RNA processing 7381
genes, *Saccharomyces cerevisiae*, promoter, identification 9309
glutamate, human, rRNA 28S/formation of stable hybrids *in vitro* 661
inhibition of synthesis, 8-methoxypsoralen photo-treatment, *Tetrahymena thermophila* 921
isoleucine, *Mycoplasma mycoides* sp. *Capri*, sequence 5488
Oryza sativa, homology, DNA 5913
population adjustment, codon usage, chloroplasts 1377
precursors, cleavage-RNase P, substrate specificity, *Saccharomyces cerevisiae* 8845
sequences, genes, compilation r53
Streptomyces rimosus, genes 6747
valine accepting, *Lupinus luteus* seeds, nucleotide sequence 1333
Xenopus laevis, genes, DNA tandem repeat, sequence 7191

$tRNA_i^{met}$,
f $tRNA_i^{met}$ eukaryotic, RNA 5S genes, RNA polymerase III/transcription blocked by base mismatches/intragenic control regions 2059
$tRNA^{Arg}$,
Escherichia coli, sequence 3184
$tRNA^{Asp}$,
yeast, *in vitro* construction of variants, nucleotide substitutions, additions in T-stem/T-loop 1933
tRNA genes,
sequences, compilation r53
sequences, tRNA sequences, compilation r53
serine, human, nucleotide sequence 4987
$tRNA^{Glu}$,
genes, soybean mitochondria, nucleotide sequence 10588
$tRNA^{Leu3}$,
genes, yeast, transcription, enhancement 9881
$tRNA^{phe}$,
crosslinking, elongation factor Tu, trans-diamminedichloroplatinum(II) 5787
tRNA sequences,
tRNA genes, compilation r53
$tRNA^{Ser}$,
genes, nucleotide sequence, human 10045
Rous sarcoma virus,
DNA, internal enhancer, interaction-nuclear proteins 9841
Rubella virus 24S,
subgenomic mRNA, encoding structural proteins E1, E2, C, nucleotide sequence, *in vitro* expression 3041

S1 nuclease,
mapping, DNA hybridization, temperature determination 6754
***Saccharomyces*,**
mitochondrial ATPase complex, subunit 6, *oli 2* genes, sequence 366
***Saccharomyces cerevisiae*,**
adenylate kinase, cDNA, sequence 7187
CDC16 genes, sequence 8439
chromosome III, polymorphisms, association-Ty transposition/recombination 8963
3',5'-cyclic AMP-dependent protein kinase, regulatory subunit, genes, nucleotide sequence 368
DFR1 genes, characterization 10355
DNA polymerase I, regulation in mitosis/meiosis, induction after DNA damage 5017
genes, *PH02*, sequence, regulatory protein/unusual aminoacid composition 233
genes, $tRNA^{Ile}$, structure 364
mitochondria, ribosomal RNA genes, effect of point mutations/*in vitro* transcription, promoter 5597
mitochondria, tRNA genes, transcription 6387
nuclear COX4 genes, untranslated leader contains intron 3515
ORF2, nucleotide sequence 9079
PH080 genes, 5' region, sequence 5893
PHO85 genes, isolation/structure 10299
3-phosphoglycerate kinase genes, expression 643
PRI1 genes, nucleotide sequence 7975
profilin, cDNA/amino acid sequence 9078
regulatory genes, *LEU3*, structure, evidence for amino acid control 5261
mRNA, AUG startcodons, sequence context, compilation/comparison 3581
tRNA, genes, transcription/RNA processing 7381
mRNA, pyruvate kinase, stability/translation 7951
mRNA, stability, influence of translation/poly(A) tail length 2417
RNase P, substrate specificity 8845
tRNA genes, promoter, identification 9309
ROAM mutation, analysis 7309
seryl-tRNA synthetase, genes, cloning, characterization 1887
tunicamycin resistance, genomic sequence 3627
***Saccharomyces kluyveri*,**
α mating pheromone, genes, nucleotide sequence 6303
Satellite DNA,
nucleotide sequence, heterogeneity, human 7549
Deca-satellite DNA,
associated low copy number sequences, organization, monkey genome 8799
α Satellite DNA,
consensus sequence/conserved regions, human 1753,6751
***Schistosoma mansoni*,**
putative egg-shell precursor protein, genomic fragments containing identical coding region, sequences 5894
***Schizosaccharomyces pombe*,**
actin, genes, nucleotide sequence/transcription 7369
chromosomes, novel sequence/common to centromere regions 4705
DNA topoisomerase I genes, cloning/sequencing/disruption 9727
electrophoretic karyotype, pulsed field gel electrophoresis 4481
genes, ribosomal protein, sequence and regulatory responses 1477
ribosomal protein, cDNA, sequence 9089
Selenocysteine,
cDNA sequence, human glutathione peroxidase, TGA encodes active site 5484
***Sepia officinalis*,**
rRNA 5S, nucleotide sequence 2773
Serine protease,
genes, nucelotide sequence, human bone marrow 9601
Staphylococcus aureus, genes, nucleotide sequence 6757
Serum amyloid P component,
amino acid/nucleotide sequence, mouse 7186
Simian virus 40,
DNA replication, initiation, *in vitro* 7877
DNA, minichromosomes, flexibility/topology 3703
enhancer function, sequence motifs, control of late promoter activity 2445
pBR322 DNA, inhibition of gene expression, *Xenopus laevis* oocytes 1579
promoters, activity, role-GC-motifs 8177

RNA, alternative splicing 8566
Sodium channel,
genes, *Drosophila*, nucléotide sequence 8569
Southern hybridization,
modifications 7200
Southwestern blot,
double replica 5486
Soybean,
glycinin A_2B_{1a}subunit precursor genes, nucleotide sequence 8117
***Staphylococcus aureus*,**
serine protease, genes, nucleotide sequence 6757
***Stella humosa*,**
rRNA 5S, sequence 9597
Steroid hormone receptors,
DNaseI hypersensitive sites 4535
Steroid sulphatase,
genes, linkage-*Str*, mouse 9227
***Streptococcus*,**
protein G, genes, nucleotide sequence 7210
***Streptococcus faecalis*,**
plasmid pAmβ1, adenine methylase genes, sequence 3177
***Streptomyces*,**
transcriptional terminator, *Escherichia coli*, activity 2665
***Streptomyces coelicolor*,**
insertion sequence ISIII, nucleotide sequence 7053
rRNA 16S, genes, nucleotide sequence 7176
***Streptomyces glaucescens*,**
mel operon, promoter 8106
***Streptomyces griseus*,**
amidinotransferase, streptomycinphosphotransferase genes, nucleotide sequence 1819
streptomycin biosynthesis genes, nucleotide sequence/transcription 8041
***Streptomyces lividans*,**
genes, expression, optimization by transcription terminator 4227
major secreted protein XP55, genes, nucleotide sequence 3926
***Streptomyces rimosus*,**
tRNA, genes 6747
Streptomycin,
biosynthesis, genes, *Streptomyces griseus*, nucleotide sequence/transcription 8041
***Strongylocentrotus purpuratus*,**
histone genes, evolution 10569
vitellogenin genes, sequence 10405
***Sulfolobus* sp.strain B12,**
ribosomal RNA genes, putative promoter elements 5581
Superoxide dismutase,
cDNA, nucleotide sequence, rat 10070
cDNA/amino acid sequence, rat 6746
genes, *Drosophila*, sequence 10601
cDNA, sequence, human 9076
SV40,
DNA, bleomycin cleavage 6315
DNA, u.v. irradiation, alkali-sensitive sites, characterization 8861
replicons, integration, *ts*-COS cells, gene amplification/expression 6117
tumour antigen, interaction-mouse genome DNA 9741
SV40 termination region,
DNA, altered helical conformation 5433
Synaptophysin,
amino acid sequence/cDNA, human/rat 9607
***Synechocystis*,**
psbA genes, nucleotide sequence 10585

T-cell receptor,
γ-chain, genes, cDNA nucleotide sequence, human 10059
Ternary complexes,
characterization, cis-diamminedichloroplatinum(II)/EtBr/nucleic acids 1779
***Tetrahymena*,**
DNA, telomeres, structure 6273
HMG-like protein, amino acid sequence, macronucleus 8112
***Tetrahymena pyriformis*,**
terminus mtDNA, tandemly repeated 31bp sequence 855
***Tetrahymena thermophila*,**
8-methoxypsoralen phototreatment, rRNA, tRNA, RNA 58S, RNA 5S, inhibition of synthesis 921
histone H4 genes, transcribed and translated regions, unusual features 141
macronuclei, histone genes, H2B, characterization 5681
macronuclei, ribosomal precursor RNA, self-splicing, characterization of authentic intermediate 1905
ribosomes, catalytic core, structure 9825
Tetranucleotides,
double-stranded, neocarzinostatin chromophore, binding, intercalators, model 2175
Tetrathymidylates,
α-/β-anomeric, oxazolopyridocarbazole linked, synthesis/properties 6625
Tetra-(4-*N*-methylpyridyl)porphin,
interaction-DNA, molecular modelling 6553
TGF-β precursor,
genes, human, intron-exon structure 3188
porcine, sequence 3187
β Thalassaemia,
genes, mutant, expression, tissue culture 8195
α Thalassemia-2,
human genotypes, reconstruction in monkey cells 2989
***Thermoproteus tenax*,**
rRNA operon, gene organization/transcription signals/processing 4821
***Thermus thermophilus*,**
elongation factor Tu, nucleotide binding site, sequence/identification 9263
rRNA 23S, processing 7735
Thyroglobulin,
gene expression, tissue specific, rat 8149
Thyroid hormone,
receptor, cDNA, nucleotide sequence, human 9613
Thyroid peroxidase,
cDNA clone, nucleotide sequence, human 6735

Tobacco mosaic virus,
infected tobacco plants, pathogenesis-related proteins, cDNA clone 4449
pathogenesis-related proteins, tobacco genes, structure 6799
RNA/5' leader sequence, enhanced expression/foreign gene transcripts 3257
Tobacco rattle virus,
RNA, tRNA-like properties 2837
Tomato,
genomic analysis, chromosome assignment 9339
cDNA, pTOM5, ripening-related, sequence 10587
Tomato apical stunt viroid,
clones, nucleotide sequence 10597
Topoisomerase I,
inhibition, 9-aminoacridine derivatives 6713
Transcription,
mammalian cells/cell-free extracts, analysis, OVEC 6787
ribosomes, enhancement-RNA polymerase I recycling 9577
rRNA genes, initiation site, *Artemia* 6007
Transcription factor IIIA,
Xenopus, RNA 5S/definition of binding site 2737
Transcription factor IIIC,
components, separation 9895
HeLa cells, two forms 5031
Transposase,
genes, transposon Tn2501, DNA sequence 10049
interaction-bacteriophage mu genome 8831
Transposon Tc1,
somatic excision, *Caenorhabditis elegans* 6875
Transposon Tn2501,
transposase genes, DNA sequence 10049
Transposon Tn2603,
ORFs, homology-site-specific recombinase 10055
***Triticum aestivum*,**
ribosomal protein S2 genes, nucleotide sequence, chloroplast 10590
α-Tropomyosin,
mRNA, nucleotide sequence, fast-twitch isoform, chicken 8105
***Trypanosoma brucei*,**
RNA, mini-exon donor, analysis 9861
medRNA genes, associated element, structure/transcription 10179
tubulin, genes, transcription 7357
medRNA, synthesis/processing 10087
Tubulin,
genes, *Trypanosoma brucei*, transcription 7357
α-Tubulin,
cDNA clones, overlapping, primary structures 199
Tyrosinase,
genes, *Streptomyces glaucescens*, promoter 8106
Tyrosine hydroxylase type 3,
cDNA, isolation 6733

Ubiquitin,
mRNA, chicken spermatids 9604
Uroporphyrinogen decarboxylase,
cDNA, nucleotide sequence/comparison-human enzyme, rat 7211
genes, structure, human 7343

Vaccinia virus,
early transcription start sites, conserved sequences 1427
single-stranded insertion vector, genes 4690
Vectors,
charons 36
to 40, polylinkers, polystuffers 2677
expression, plant, transcriptional/translated fusions 5890
gene expression analysis, plants 8115
λgt22, cDNA cloning 6304
hybrid pUC, new restriction enzyme sites/DNA fragments 2778
insert junctions, γgt10 cDNA, γ*imm*434 *Hin*dIII-*Eco*RI DNA fragment/nucleotide sequence 3181
integration, rat genome 7849
OVEC, transcription analysis, mammalian cells/cell-free extracts 6787
P-element, white genes, marker, gene transfer, *Drosophila* 3947
pBD7, novel cell-free expression, efficient translation initiation signal 3933
pJAC4, *Escherichia coli*, promoter probe 8567
plasmid pXT1, retrovirus 7194
polyoma-related plasmids, L factor, DNA maintenance 8815
pPAV, promoter analysis, *Dictyostelium discoideum* 9610
protein-coding sequences expression/mutagenesis 10066
pSEMcat$_R$1 9090
pUEX, construction/sequence 10056
pUV I, vaccinia virus 7192
pXmnATG, *Escherichia coli*, unfused proteins/expression 3925
single-stranded, foreign genes, vaccinia virus 4690
λ derivative 9608
***Verrucomicrobium spinosum*,**
rRNA 5S, sequence 9597
***Vibrio fischeri*,**
lux genes, regulatory locus, nucleotide sequence 10455
***Vibrio nereis*,**
ATCC 25917, rRNA 5S, nucleotide sequence 4354
***Vicia faba*,**
chloroplast genome, apocytochrome *J* genes, sequence 2391
sequence comparison, pea chloroplast tRNA-Thr(GGU) genes 854
vicilin genes, nucleotide sequence 10065
vicilin, primary structure, seeds 9609
Vicilin,
genes, *Vicia faba*, nucleotide sequence 10065
Vicia faba, primary structure, seeds 9609
Viral enhancer function,
P9 mouse embryonal carcinoma cells, repressors, activators, competition studies 4307
Viroids,
apple scar skin viroid, nucleotide sequence/secondary structure 7045

Viruses,
adenovirus 2, DNA, 5-bromodeoxycytidine incorporation, interference-nuclear factor I binding 7223
adenovirus, RNA, splicing intermediates, quantitation/distribution 7103
bluetongue virus, NS1 genes, nucleotide sequence 7207
bluetongue virus, VP4 core protein genes, nucleotide sequence 7206
bovine papilloma virus, gene expression optimization, transformed mouse C127 cells 7137
bovine parainfluenza 3, nucleotide sequence, 3' end, genes/NP, P, C and M proteins 2927
bovine parainfluenza 3, nucleotide sequence, genes/F and HN glycoproteins 2945
cauliflower mosaic, 35S, comparison, nopaline synthase promoters, transgenic plants 1543
Chlorella virus NC-1A, DNA methyltransferase genes, cloning/characterization 9807
endogenous mouse mammary tumor, locus Mtv-8, regulatory sequences 4353
figwort mosaic virus, DNA, nucleotide sequence 8451
foot and mouth disease, serotypes, protein synthesis/initiation 3305
foot and mouth disease virus, RNA, genomic, secondary/tertiary structure 7067
fowlpoxvirus, DNA polymerase gene, identification/sequence 6563
Hantaan virus 76-118, genome RNA, M segment, nucleotide sequence 6299
herpes simplex virus, infection, ubiquitin genes induction 7283
herpes simplex virus, DNA polymerase, genes, recombinational hotspots 7647
HPV-18, DNA, integration-HeLa cells 10068
IL-3A virus, *Chlorella* infection, *CviJI* induction 6075
eukemogenic/non-leukemogenic MCF MuLVs, LTRs, nucleotide sequence analysis 5898
MuLV proviruses, long terminal repeats, nucleotide sequence/function, mouse 7640
papillomavirus, DNA, extraction/hybridization assays, pathology specimens 8565
polyoma virus, DNA replication 6369
retrovirus, vectors, plasmid pXT1 7194
Ty:IFN virus-like particles, hybrids, production, yeast 7571
vaccinia virus, vectors, pUV 1 7192
vaccinia, early transcription start sites, conserved sequences 1427

Vitellogenin,
genes, *Strongylocentrotus purpuratus*, sequence 10405

Von Willebrand factor,
human, RFLPs 6766
RFLPs, human 9099

Wyosine,
n.m.r. 9075

***Xenopus*,**
oocytes, 60 kd polypeptide, phosphorylation, mRNA translation/blockage 4099
oocytes, promoters, efficiency 7795
rRNA 5S, promoter binding protein 8679
U2 genes, promotor analysis 6437
vitellogenin genes, precursor–product relationship, yolk proteins 4737

***Xenopus borealis*,**
DNA sequences, typical ribosomal gene spacers 3623

***Xenopus laevis*,**
68-K serum albumin genes, DNA sequences, first exon, 5' flanking region 5889
DNA polymerase α, primase-devoid, characterization 10249
DNA sequences, typical ribosomal gene spacers 3623
DNA, binding protein, sequence specificity 477
DNA, repetitive sequences, organization/transcription 9551
immunoglobulin heavy chain, variable region segments, nucleotide sequences 5888
oligodeoxynucleotides, α-/β-, degradation, oocytes 10507
oocytes, DNA, recombination, short homologous overlaps 971
oocytes, inhibition of gene expression, simian virus 40, pBR322 DNA 1579
ribosomal protein L14 genes, nucleotide sequence 1870
ribosomes, genes, promoter, linker scanner mutageneis 7429
tRNA, genes, DNA tandem repeat, sequence 7191

***Xenopus tropicalis*,**
β-globin genes, nucleotide sequence, larvae 10062
SnRNA U6 genes transcribed by Pol III, upstream promoter elements/Pol II dependent 2463

Yeast,
chromosomes, preparation, pulse field gel electrophoresis 6749
novobiocin, inhibition of interactions, transcription complex formation 1493
PGK genes, transcription activator 6243
phosphoglycerate kinase genes, upstream activation site 6855
regulatory sequences, non-B conformation, supercoiled DNA 4467
ribosomal protein genes, activation sites 6037
SUC2 genes, chromatin structure 6937
Ty:IFN virus-like particles, hybrids, production 7571
$tRNA^{Leu3}$ genes, transcription, enhancement 9881

***Zea mays*,**
cDNA, chlorophyll *a/b* binding protein, nucleotide sequence 6302
rps 19
locus, inverted repeat/unique region junctions, sequence 3932

***Zymomonas mobilis*,**
pyruvate decarboxylase genes, nucleotide sequence 1753